SECTION 8
DRAWINGS AND PARTS LISTS

DESCRIPTION

Use the mechanical assembly drawings when troubleshooting or replacing components and use the associated parts list when ordering replacement parts. Item parts that do not have associated part numbers are not available and need to be ordered using the next highest assembly number.

CAUTION:

THE PRINT ENGINE ELECTRONICS ARE SUSCEPTIBLE TO STATIC DISCHARGE. BEFORE PROCEEDING, IT IS HIGHLY RECOMMENDED THE TECHNICIAN WEAR AN ANTI-STATIC WRIST STRAP CONNECTED TO THE PRINT ENGINE CHASSIS.

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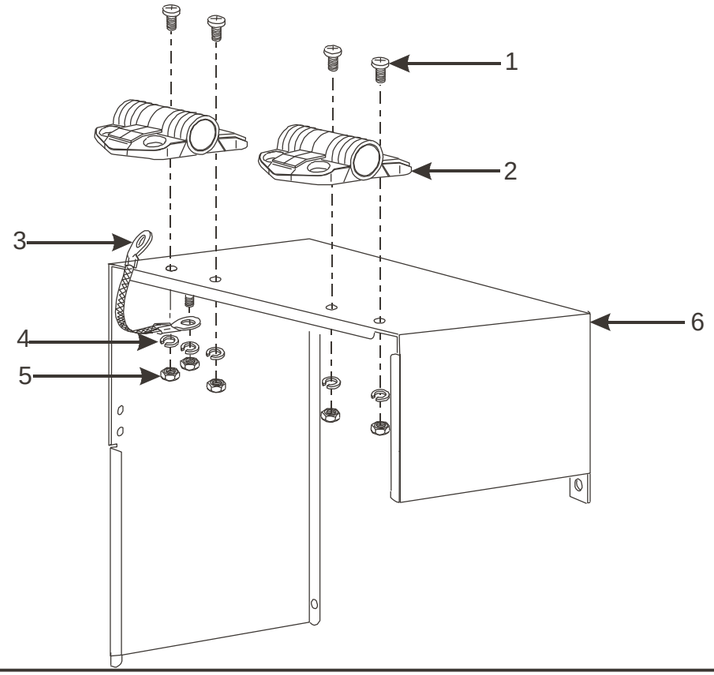
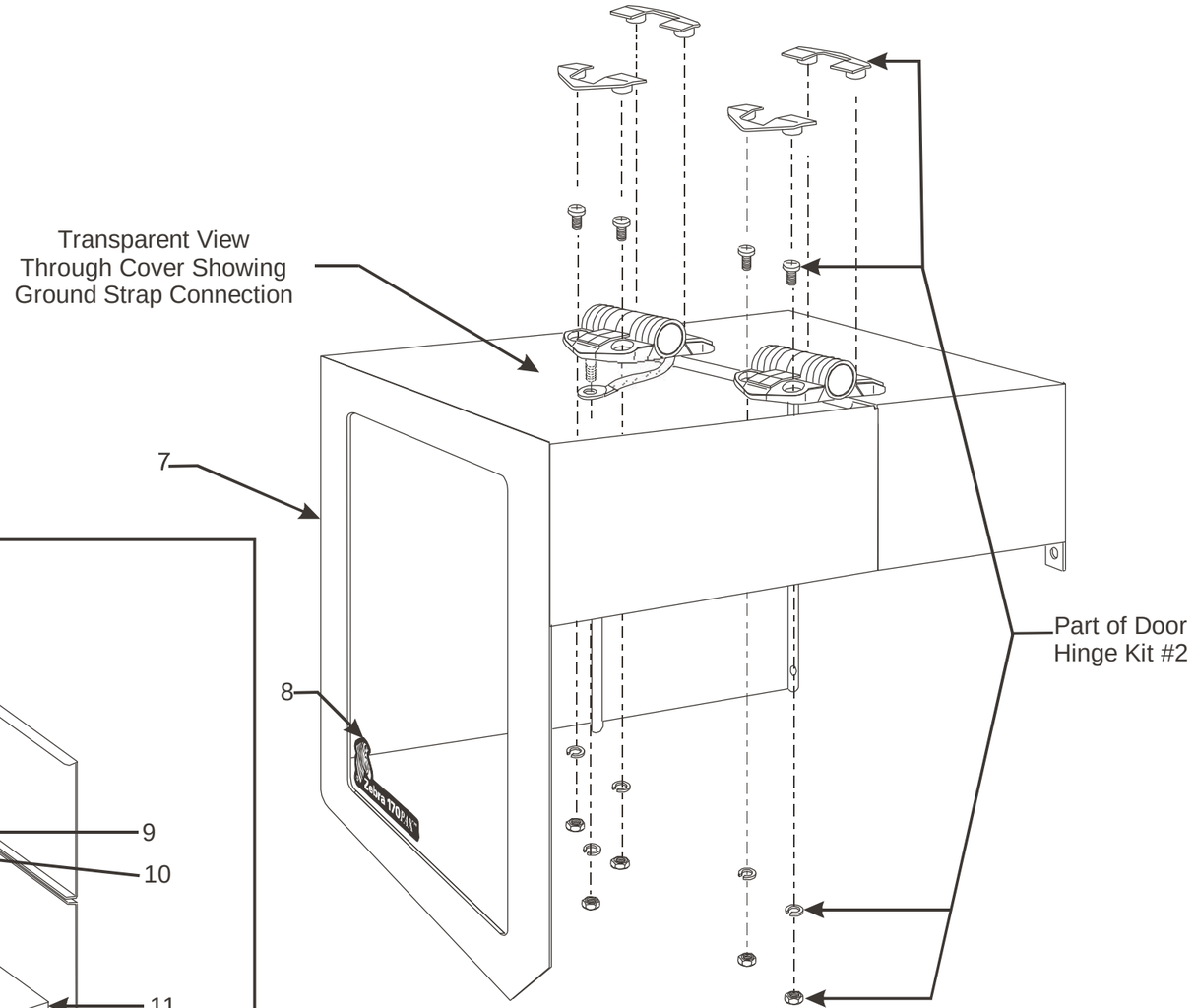
PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49250	Screw, Pan Head, M5 x 0.8	8
2	49244M	Door Hinge Kit	2
3	49687	Cable Assembly	1
4	10477	Washer, Split	10
5	*44055	Nut, Hex M5	10
6	49490	Shroud, Rear (RH)	1
6	49492	Shroud, Rear (LH)	1
7	49491	Shroud, Front (RH)	1
7	49493	Shroud, Front (LH)	1
8	49304	Label, Zebra Logo 170 *PAX*	1
8	49938	Label, Zebra Logo 170 *PAX*2	1
8	N/A	Label, Zebra Logo 170 *PAX*3	1
9	*10460	Nut, Hex, M3	4
9	*06262	Nut, Hex, 6-32 (*PAX*2 & *PAX*3)	4
10	*01159	Washer, Lock External #6	4
11	49028	Shroud, Window	1

Table 8-1 Cover Assembly

*Also Available in Hardware Kit 49628M





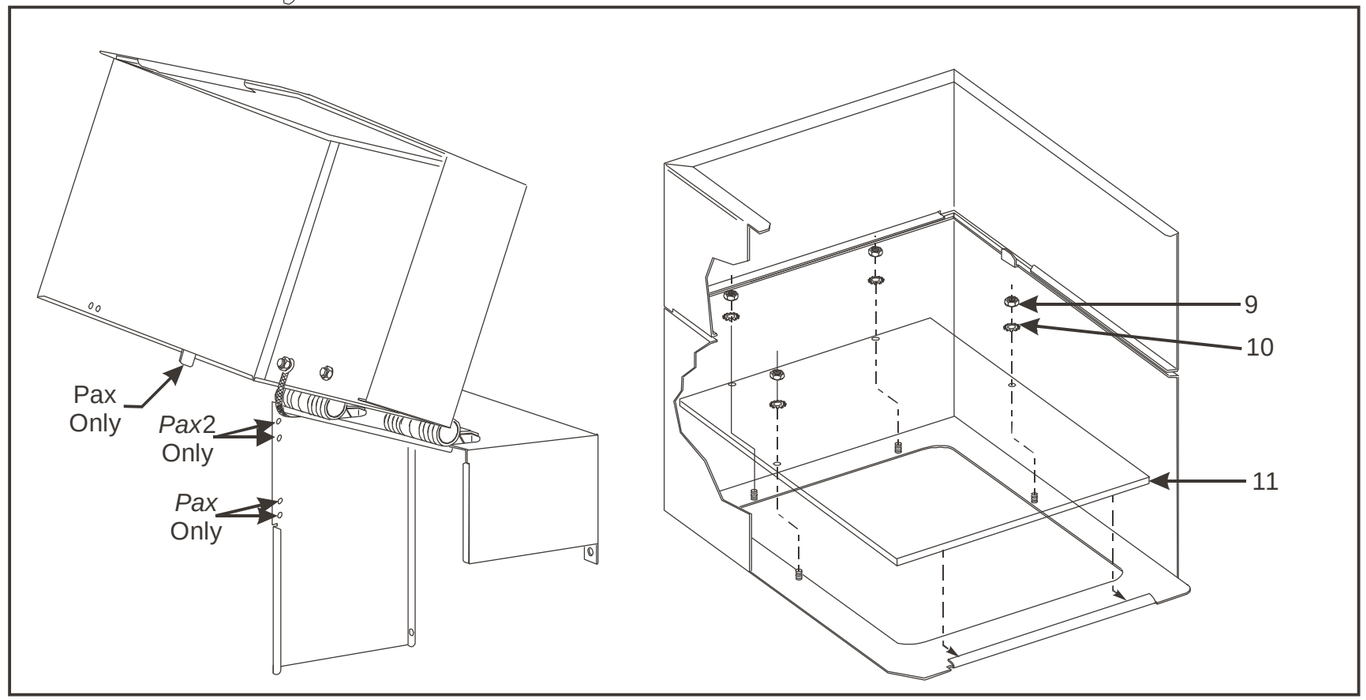


Figure 8-1 Cover Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49365	Label, Media Load (RH)	1
1	49865	Label, Media Load (RH) (*PAX*2 & *PAX*3)	1
1	49428	Label, Media Load (LH)	1
1	49928	Label, Media Load (LH) (*PAX*2 & *PAX*3)	1
2	*10431	Screw, Cap, M4 x .7	4
3	44192	Screw, Pan Head, 2-56, .50	2
4	49858	Bar, Nut	1
5	49757M	Sensor Maintenance Kit, Door Open	1

Table 8-2 Cover Assembly and Door Open Sensor

*Also Available in Hardware Kit 49628M

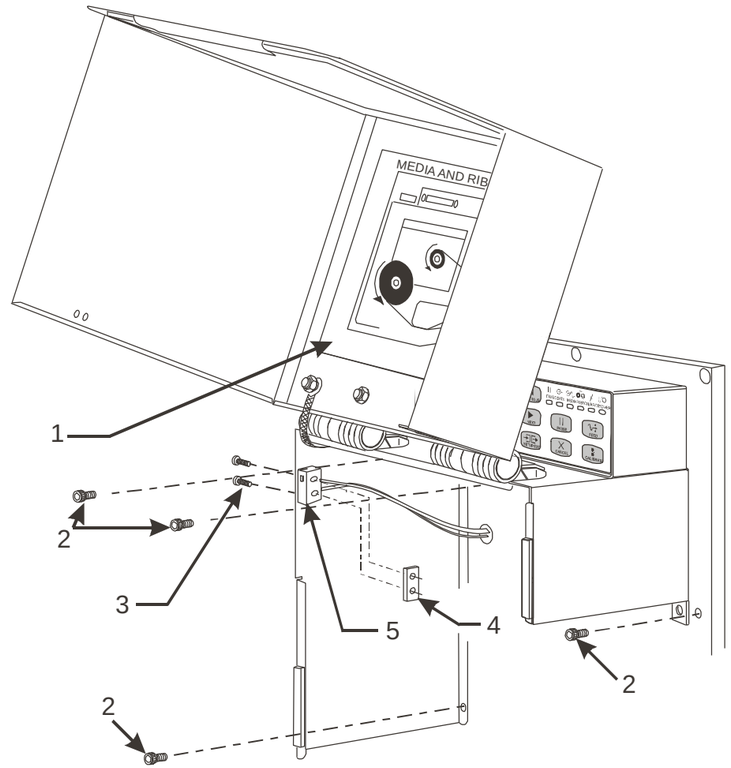


Figure 8-2 Cover Assembly and Door Open Sensor

PRINT ENGINE MODEL: 170*PAX*, *PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49088	Cover, Spindle Gear (RH)	1
1	49488	Cover, Spindle Gear (LH)	1
2	*10413	Screw, Cap, M3 x .5	3

Table 8-3 Spindle Gear Cover Assembly

*Also Available in Hardware Kit 49628M

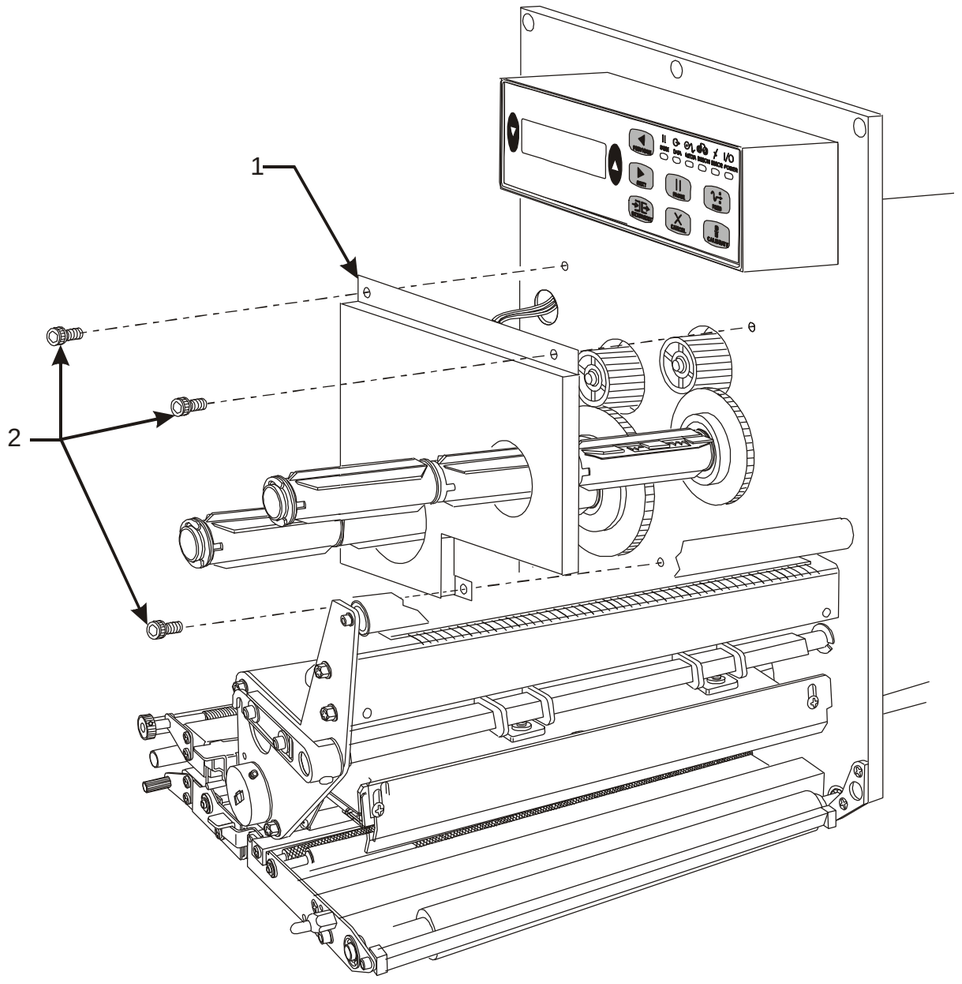


Figure 8-3 Spindle Gear Cover Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*49262	Screw, Flat Head, M3 x .5	7
2	49377	Cover Enclosure (RH)	1
2	49410	Cover Enclosure (LH)	1
3	49469	Shield, High Voltage(LH)	1
4	*10404	Screw, M3 x .5 (LH)	3
5	*10470	Washer, Flat, M3(LH)	3
6	*10460	Nut, Hex, M3 (LH)	3

Table 8-4 Enclosure Cover Assembly

*Also Available in Hardware Kit 49628M

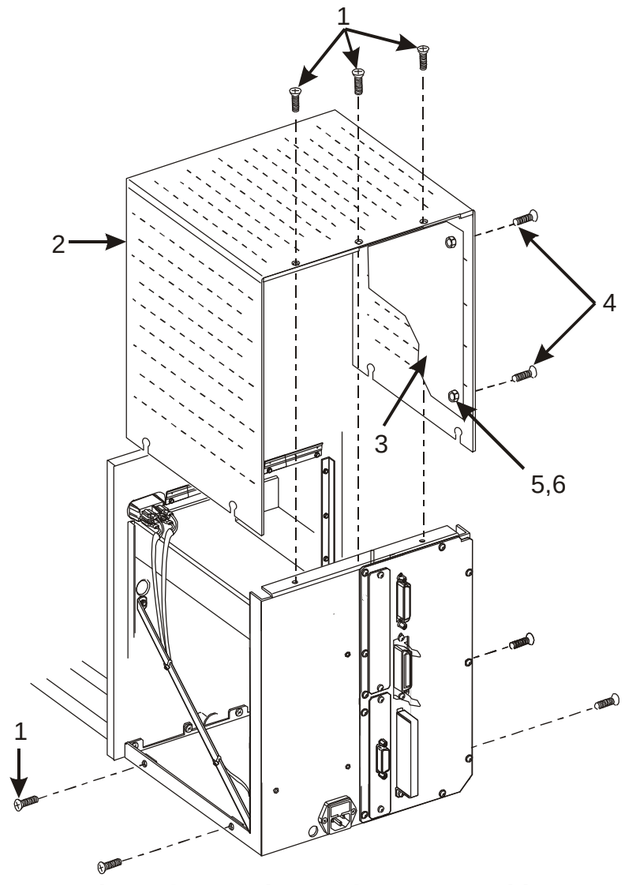


Figure 8-4 Enclosure Cover Assembly

NOTES

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*10413	Screw, Cap, M3 x .5	8
2	30781	Cable, Ground Printhead	1
3	*01159	Washer, Lock External, #6	1
4	*48182	Rivet, Snap	2
5	49170	Plate, Pressure (RH)	1
5	49416	Plate, Pressure (LH)	1
6	46171	Pad, Pressure	1
7	*49226	Screw, Head Adjustment, M3	2
8	*10471	Washer, Split, M3	4
9	49164	Plate, Washer	1
10	*30402-006	Screw, 6-32	2
11	49169	Bracket, Head Mounting (RH)	1
11	49434	Bracket, Head Mounting (LH)	1
12	22016	Screw, M3 x .5	1
13	49216	Plate, Strip	1
14	*10401	Screw, M3 x .5	2
15	30007-7	Shaft, Roller	1
16	48023	Bearing (*PAX*)	2
17	30009-6	Roller	1
17	48099-8	Roller (*PAX*2 & *PAX*3)	1
18	49064	Bar, Adjustment	2
19	49032	Bar, Head Pivot	1
20	Q06020	Tiewrap	2
21	49641	Cable, Printhead Data	1
22	49640-033	Cable, Printhead Power	1
23	38000M	Printhead Maintenance Kit (203dpi)	1
23	46500M	Printhead Maintenance Kit (300dpi)	1

Table 8-5 Printhead Assembly

*Also Available in Hardware Kit 49628M

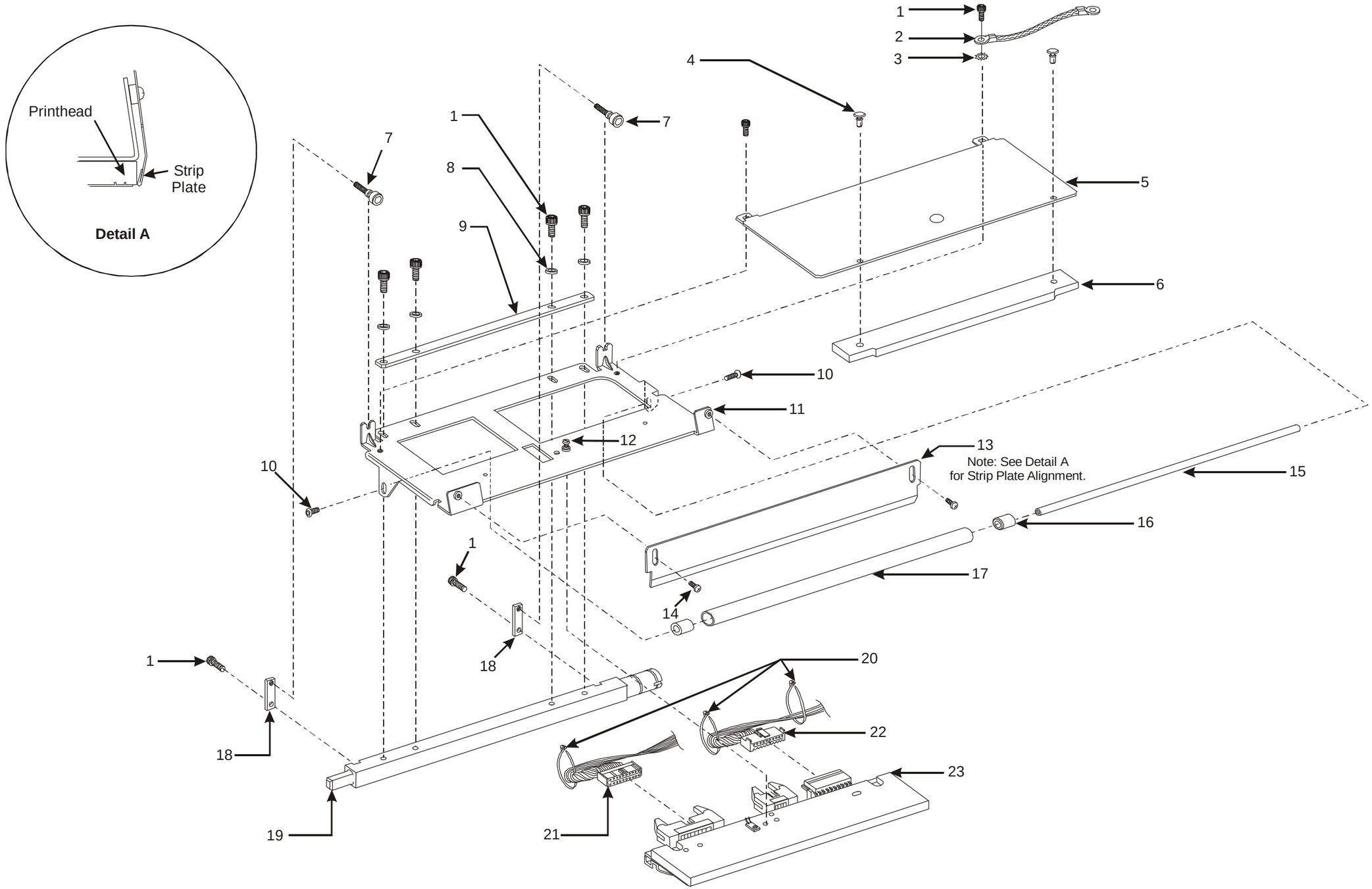


Figure 8-5 Right Hand Print Head Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49225	Nut, M6	2
2	49191	Washer, Split, M6	2
3	*30466	Washer	2
4	*49152	Screw, Hex, M3 x .6	4
5	49319M	Ribbon Take-up Assembly (See Figure 8-9 for Assembly Breakdown)	1
6	49394M	Ribbon Supply Assembly (See Figure 8-8 for Assembly Breakdown)	1
7	49242	Plug, Recessed Head Button	2
8	49181	Screw, M3 x .5	4
8	*49152	Screw, M3 x .6 (*PAX*2 & *PAX*3)	2
9	49083	Brush, Static Removal	1
10	49238	Extrusion, Main	1
10	49698	Extrusion, Main (*PAX*2 & *PAX*3)	1
11	49279M	Lower Ribbon Guide Maintenance Kit	1
12	46665M	Ribbon Sensor Maintenance Kit	1

Table 8-6 Upper Print Mechanism Assembly (Page 1 of 2)

*Also Available in Hardware Kit 49628M

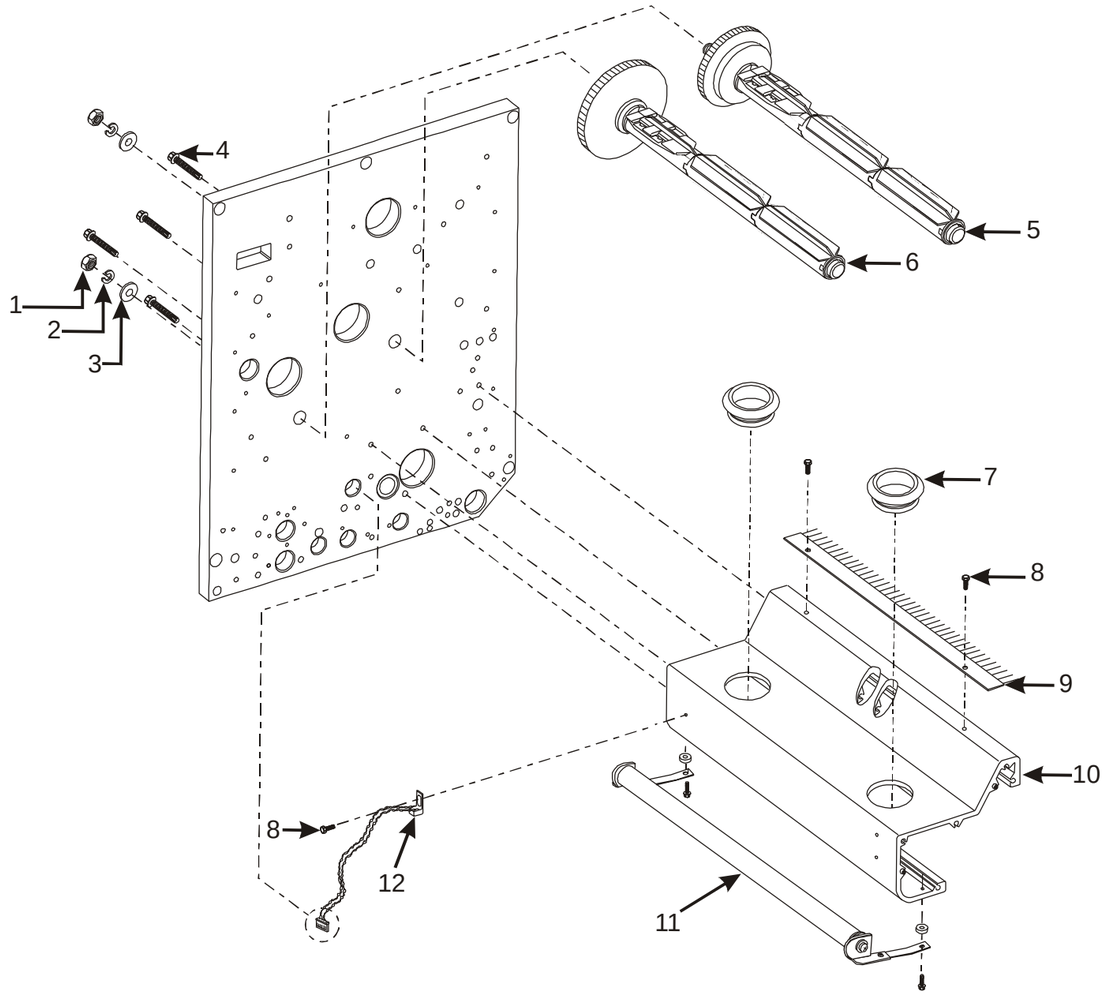


Figure 8-6 Upper Print Mechanism Assembly (Page 1 of 2)

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49099M	Printhead Pressure Maintenance Kit	2
2	02252	Ring, External Crescent, .250	2
3	49444	Bar, Toggle Pivot	1
4	49211	Shaft, Upper Ribbon Roller	1
5	49215	Bearing, Ribbon Guide Roller	2
6	49213	Roller, Ribbon Guide	1
7	49221M	Locking Lever Maintenance Kit (RH)	1
7	49433M	Locking Lever Maintenance Kit (LH)	1
8	*10413	Screw, Cap, M3 x .5	1
9	*44001	Screw, Hex, M3 x .5	5
10	*46166	Spring, Compression	1
11	*10856	Screw, Set, M4 x .7	2
12	49229	Hub, Adjusting (Right Hand Unit Only)	1
12	49420	Hub, Adjusting (Left Hand Unit Only)	1
13	49200	Plate, Clamp	1
14	49220	Bearing, Adjustment Hub	1
15	*49186	Screw, M2 x .45	1
16	*10471	Washer, Split, M3	1
17	*30105	Bearing, Nylon	1
18	49357	Plate, Extrusion Cover	1
19	*49223	Washer, Adjustment Hub	2
20	*49227	Washer, Wave, Spring Adjustment Hub	1
21	*49228	Ring, Retaining, External	1
22	*49168	Bearing, Flanged	1

Table 8-7 Upper Print Mechanism Assembly (Page 2 of 2)

*Also Available in Hardware Kit 49628M

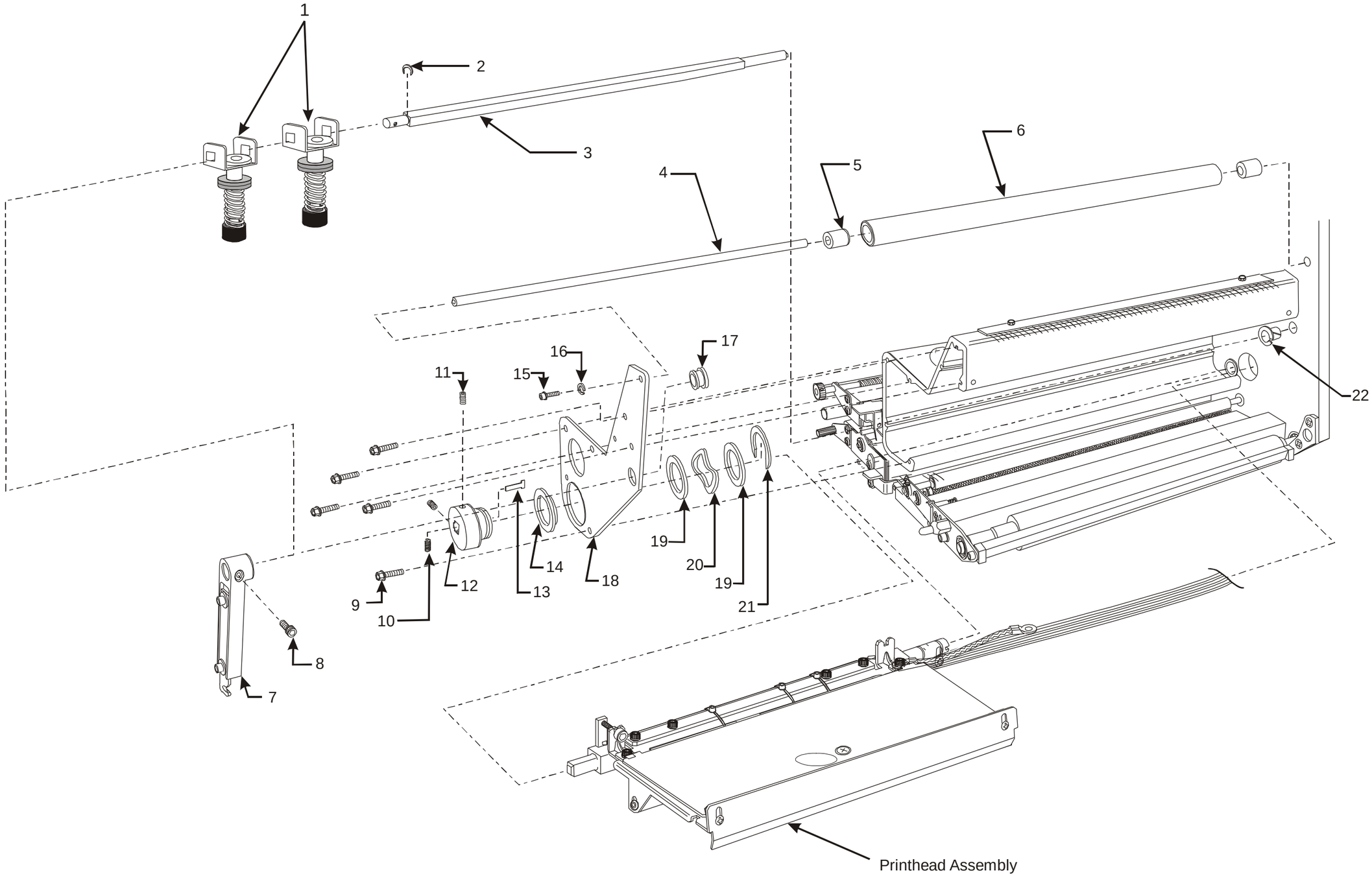
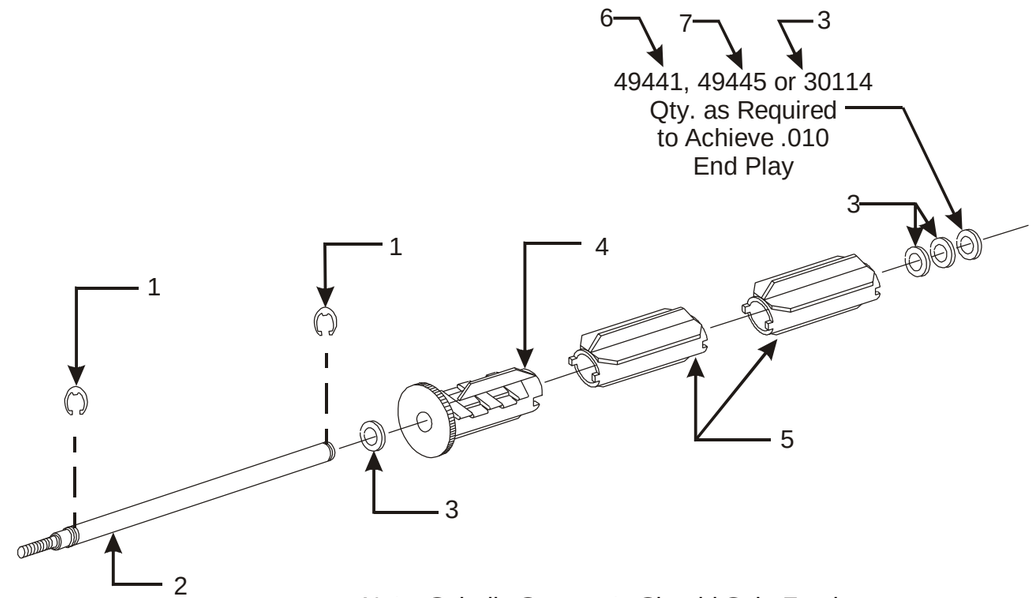


Figure 8-7 Upper Print Mechanism Assembly (Page 2 of 2)

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*10188	Ring, E	2
2	49084	Shaft, Spindle	1
3	*30114	Washer, Flat	A/R
4	49394M	Ribbon Supply Gear Maintenance Kit	1
5	49379	Spindle, Ribbon Outer	2
6	*49441	Washer	A/R
7	*49445	Washer	A/R

Table 8-8 Ribbon Supply Spindle Assembly

*Also Available in Hardware Kit 49628M



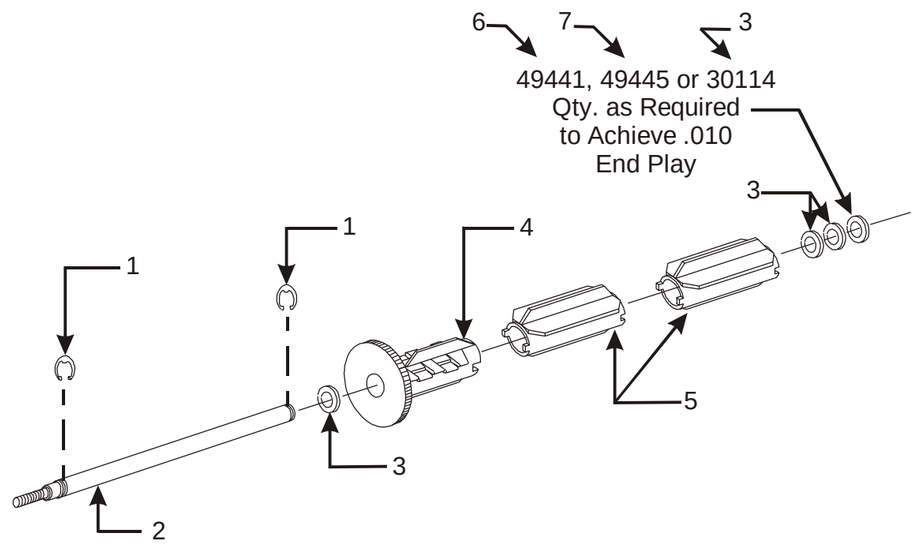
Note: Spindle Segments Should Spin Freely After Assembly is Complete. Set End Play Using .010 Gauge.

Figure 8-8 Ribbon Supply Spindle Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*10188	Ring, E	2
2	49084	Shaft, Spindle	1
3	*30114	Washer, Flat	A/R
4	49319M	Ribbon Take-up Gear Maintenance Kit	1
5	49379	Spindle, Ribbon Outer	2
6	*49441	Washer	A/R
7	*49445	Washer	A/R

Table 8-9 Ribbon Take-Up Spindle Assembly

*Also Available in Hardware Kit 49628M



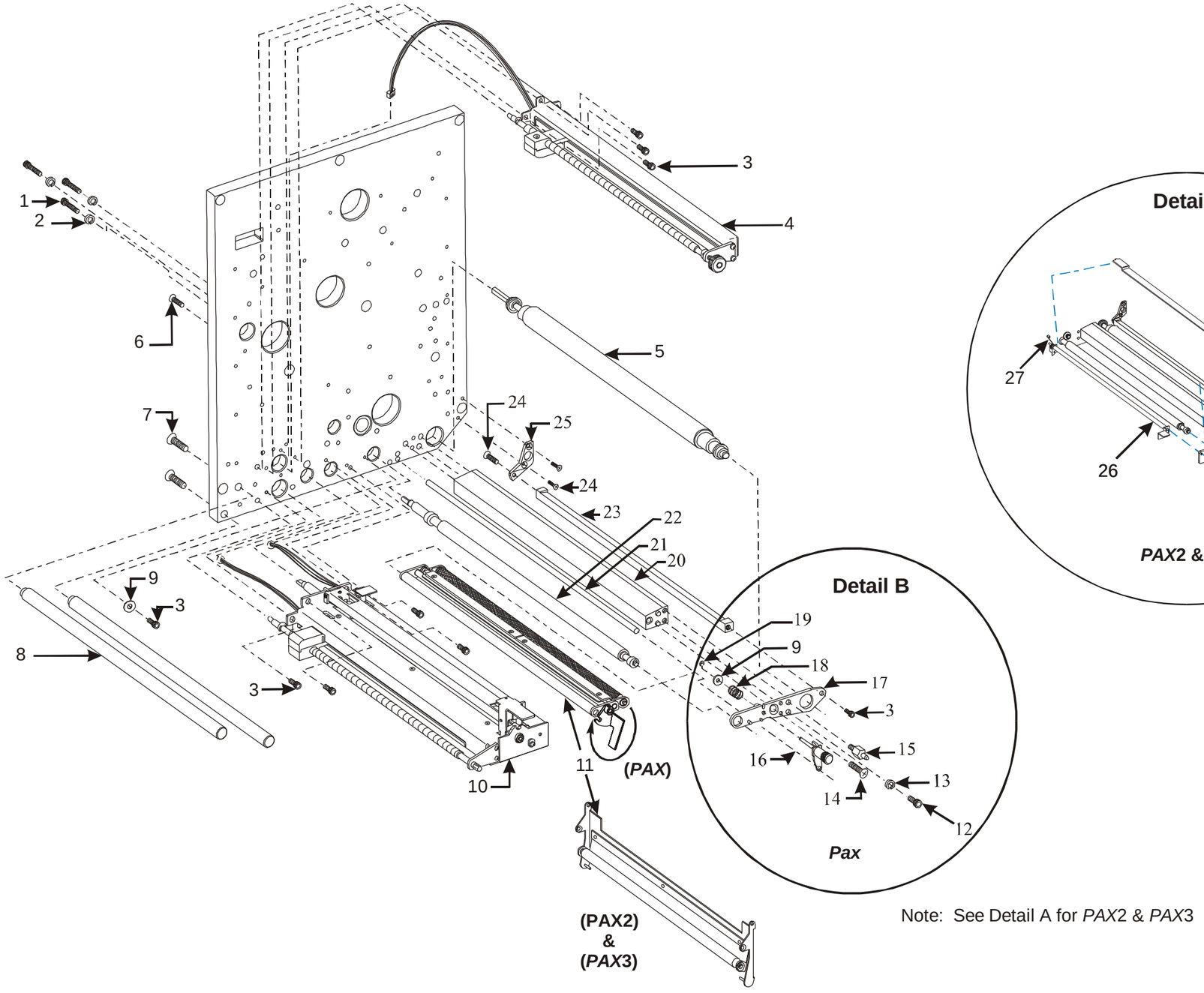
Note: Spindle Segments Should Spin Freely after Assembly is Complete. Set End Play Using .010 Gauge.

Figure 8-9 Ribbon Take-Up Spindle Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*49180	Screw, M4 x .7	3
2	*10474	Washer, Split, M4	3
3	*10413	Screw, Cap, M3 x .5	9
4	49650M	Top Media Sensor Track Assembly, RH (See Figure 8-13 for Assembly Breakdown)	REF
4	49680M	Top Media Sensor Track Assembly, LH (See Figure 8-13 for Assembly Breakdown)	REF
5	N/A	Platen Roller Assembly (See Figure 8-14 for Assembly Breakdown)	REF
6	*10406	Screw, M3 x .5	1
7	11427	Screw, M4 x .7	2
8	49074	Guide Post (*PAX*)	2
8	49839	Guide Post (*PAX*2 & *PAX*3)	2
9	*01152	Washer, Flat	2
10	N/A	Label Guide Shelf Assembly (See Figure 8-11 or 8-12 for Assembly Breakdown)	1
11	49323M	Knurled Peel Roller Maintenance Kit (RH *PAX*)	1
11	49387M	Knurled Peel Roller Maintenance Kit (LH *PAX*)	1
11	49919M	Knurled Peel Roller Maintenance Kit (RH & LH, *PAX*2 & *PAX*3)	1
12	*10432	Screw, M4 x .7	1
13	*10474	Washer, Split, M4	1
14	10854	Screw, M4 x 12	1
15	49037	Post, Lock	1
16	49057	Latch, Pinch Roller(RH *PAX*)	1
16	49407	Latch, Pinch Roller (LH *PAX*)	1
17	49171	Plate, Platen Support (RH *PAX*)	1
17	49826	Plate, Platen Support (*PAX*2 & *PAX*3)	1
17	49417	Plate, Platen Support (LH PAX)	1
18	49247	Spring, Compression	1
19	*02256	Ring, E External	1
20	49004M	Platen Support Maintenance Kit	1
21	49496M	Peel Roller Support Shaft (*PAX* Only)	1
22	REF	Elastomer Peel Roller Assembly (See Figure 8-14 for Assembly Breakdown)	REF
23	49173	Bar, Peel	1
24	*49264	Screw, M3 x .5	3
24	*10406	Screw, M3 x .5 (*PAX*2 & *PAX*3)	2
25	49224	Plate, Peel Bar Mounting(RH)	1
25	49419	Plate, Peel Bar Mounting (LH)	1
26	49833	Latch, Peel Roller	1
27	49836	Spring, Tension Latch	1
28	*10401	Screw, M3 x .5 4 Pn Ph Blk	1
29	49821	Bracket, Deflector	1

Table 8-10 Lower Print Mechanism

*Also Available in Hardware Kit 49628M



Note: See Detail B for *PAX*

Note: See Detail A for *PAX*2 & *PAX*3

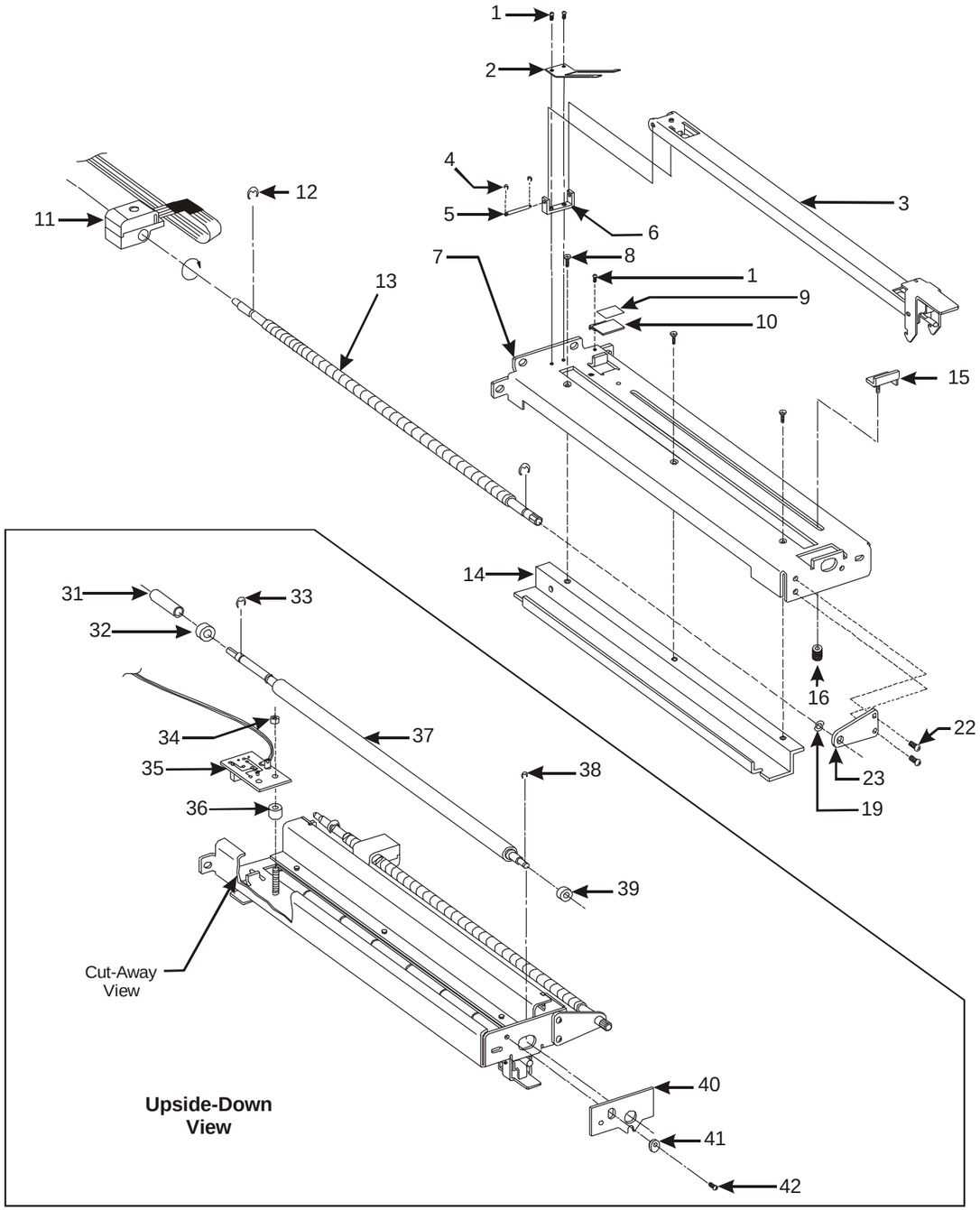
Figure 8-10 Lower Print Mechanism Assembly

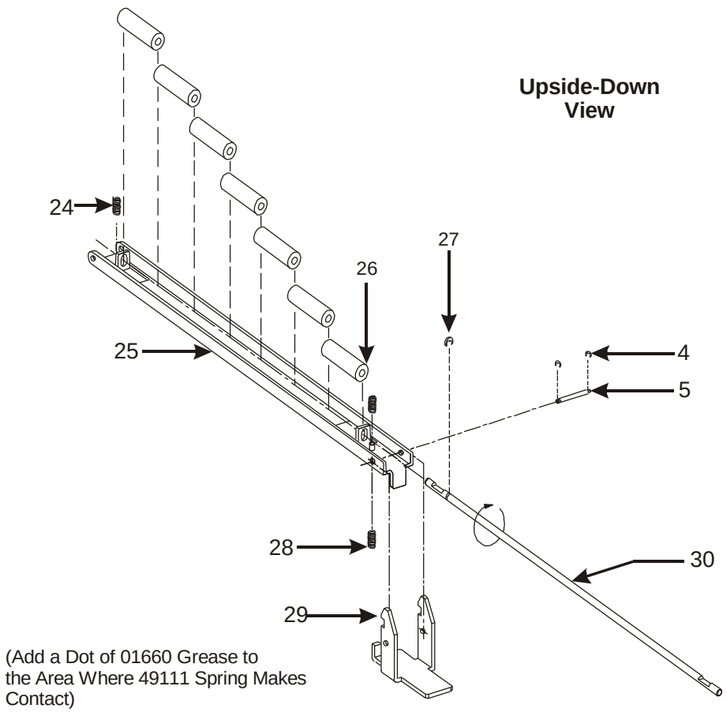
PRINT ENGINE MODEL: 170*PAX*-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*44927	Screw, M2.5x .45	5
2	49116	Spring, Elevating	1
3	49308M	Pressure Roller Segment Maintenance Kit (*PAX*)	1
4	*07309	Ring, E External	4
5	REF	Pin, Hinge	2
6	49109	U-Bracket	1
7	49016	Shelf, Label Guide (RH)	1
7	49402	Shelf, Label Guide (LH)	1
8	*10402	Screw, M3 x .5	3
9	REF	Label, Reflective (Supplied in item 10)	1
10	49302M	Ribbon Out Reflect Maintenance Kit	1
11	49650M	Media Sensors Maintenance Kit (RH)	1
11	49680M	Media Sensors Maintenance Kit (LH)	1
12	02133	Ring, E External	2
13	49056	Screw, Lead	1
14	49051	Cover, Media Track Lower (RH)	1
14	49405	Cover, Media Track Lower (LH)	1
15	49161	Guide, Media Outer (RH)	1
16	49106	Nut, Adjusting (*PAX*)	1
19	*40194	Washer, Flat	1
22	*10401	Screw, M3 x .5	2

PRINT ENGINE MODEL: 170*PAX*-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
23	49058	Plate, Sensor Support	1
24	49373	Spring, Compression	2
25	49108	Channel	1
26	49060	Roller, Segment	7
27	*30485	Ring, E External	1
28	49111	Spring, Compression	2
29	49110	Latch	1
30	49042	Shaft, Segmented Roller	1
31	49236	Spacer, Pinch Roller (*PAX* Only)	1
32	49237	Bearing, Ball	1
33	02252	Ring, External Crescent (*PAX* Only)	1
34	*10460	Nut, Hex, M3	1
35	49652M	Sensor Reflector Maintenance Kit	1
36	49210	Standoff, PC Board	1
37	49362	Roller, Pinch, Elastomer	1
38	*02256	Ring, E External	1
39	44423	Bearing, Ball	1
40	49089	Plate, Cam(RH)	1
40	49409	Plate, Cam (LH)	1
41	49077	Cam	1
42	*10403	Screw, M3 x .5	1

Table 8-11 170*PAX* Label Guide Shelf Assembly

*Also Available in Hardware Kit 49628M





Pressure Roller Segment Assembly

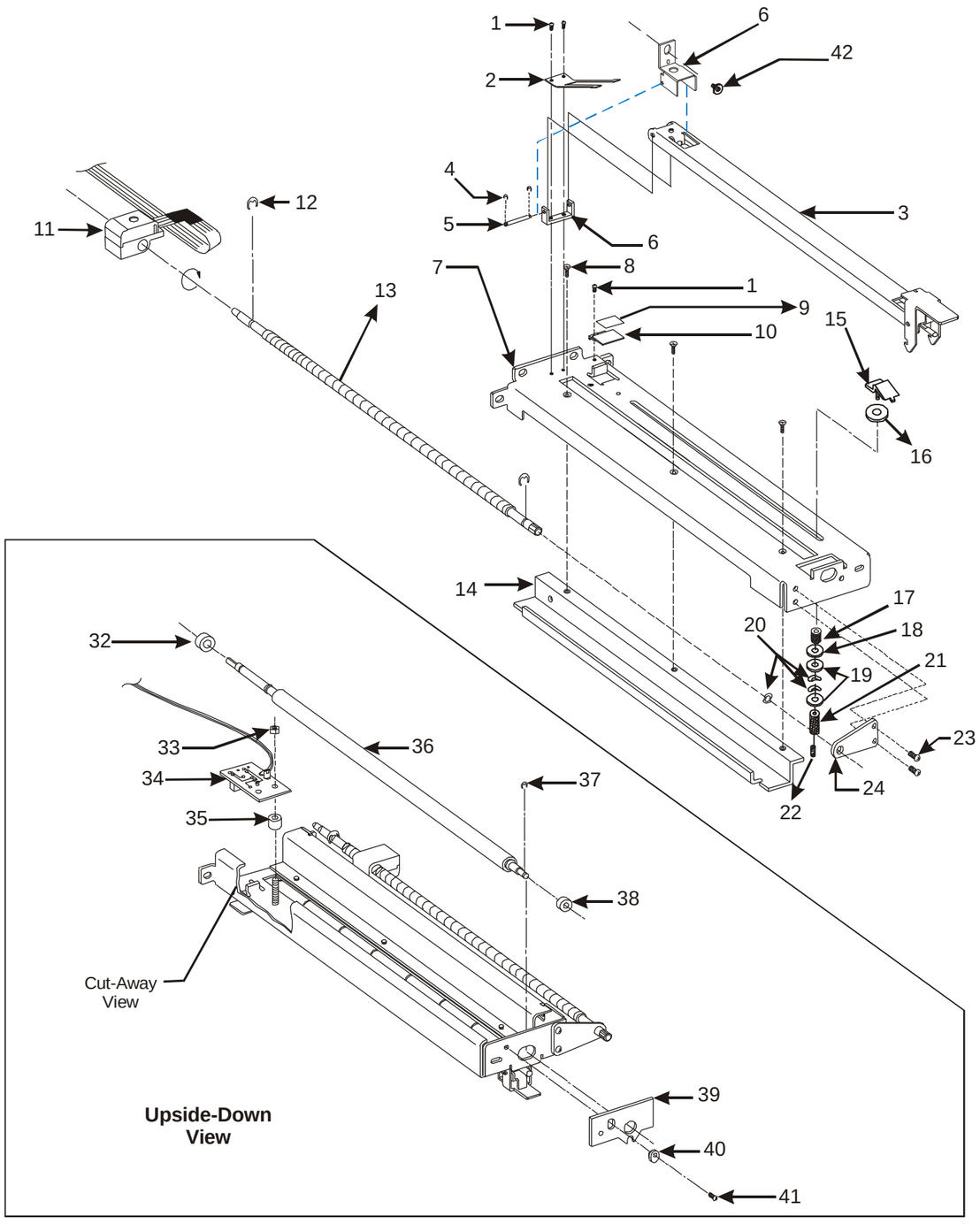
Figure 8-11 170*PAX* Label Guide Shelf Assembly

PRINTER MODEL: 170*PAX*2 & *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49876	Screw, M2.5 x .45 (*PAX*2 & *PAX*3)	2
2	49116	Spring, Elevating	1
3	49917M	Pressure Roller Segment Maintenance Kit (*PAX*2& *PAX*3)	1
4	*07309	Ring, E External	4
5	49709	Pin, Hinge	2
6	49747	Bracket, Segment Pinch Roller (*PAX*2 & *PAX*3)	1
7	49706	Shelf, Label Guide (RH *PAX*2 & *PAX*3)	1
7	49748	Shelf, Label Guide (LH *PAX*2 & *PAX*3)	1
8	*10402	Screw, M3 x .5	3
9	REF	Label, Reflective (Supplied in item 10)	1
10	49302M	Ribbon Out Reflect Maintenance Kit	1
11	49650M	Media Sensors Maintenance Kit (RH)	1
11	49680M	Media Sensors Maintenance Kit (LH)	1
12	02133	Ring, E External	2
13	49056	Screw, Lead	1
14	49756	Cover, Media Track Lower (RH *PAX*2 & *PAX*3)	1
14	49788	Cover, Media Track Lower (LH *PAX*2 & *PAX*3)	1
15	49733	Guide, Media Outer (RH *PAX*2 & *PAX*3)	1
15	49733	Guide, Media Outer (LH *PAX*2 & *PAX*3)	1
16	*46129	Washer, Flat, Nylon (*PAX*2 & *PAX*3)	1
18	*46128	Washer, Flat, Nylon (*PAX*2 & *PAX*3)	1
19	Q10034	Washer (*PAX*2 & *PAX*3)	2
20	*40194	Washer, Curved (*PAX*2& *PAX*3)	3

PRINTER MODEL: 170*PAX*2 & *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
21	REF	NUT, Thumb, Outer Media Guide (*PAX*2 & *PAX*3)	1
22	*44147	Screw, Set (*PAX*2 & *PAX*3)	1
23	*10401	Screw, M3 x .5	2
24	49058	Plate, Sensor Support	1
25	49111	Spring, Compression (*PAX*2& *PAX*3)	2
26	49707	Channel (*PAX*2 & *PAX*3)	1
27	49754	Roller, Segment (*PAX*2) & *PAX*3	7
28	*30485	Ring, E External	1
29	49111	Spring, Compression	2
30	49708	Latch (*PAX*2& *PAX*3)	1
31	49042	Shaft, Segmented Roller	1
32	49237	Bearing, Ball	1
33	*10460	Nut, Hex, M3	1
34	49652M	Sensor Reflector Maintenance Kit	1
35	49210	Standoff, PC Board	1
36	49963	Roller, Pinch, Elastomer (*PAX*2 & *PAX*3)	1
37	*02256	Ring, E External	1
38	44423	Bearing, Ball	1
39	49089	Plate, Cam(RH)	1
40	49409	Plate, Cam (LH)	1
41	49077	Cam	1
41	*10403	Screw, M3 x .5	1

Table 8-12 170*PAX*2 & *PAX*3 Label Guide Shelf Assembly

*Also Available in Hardware Kit 49628M



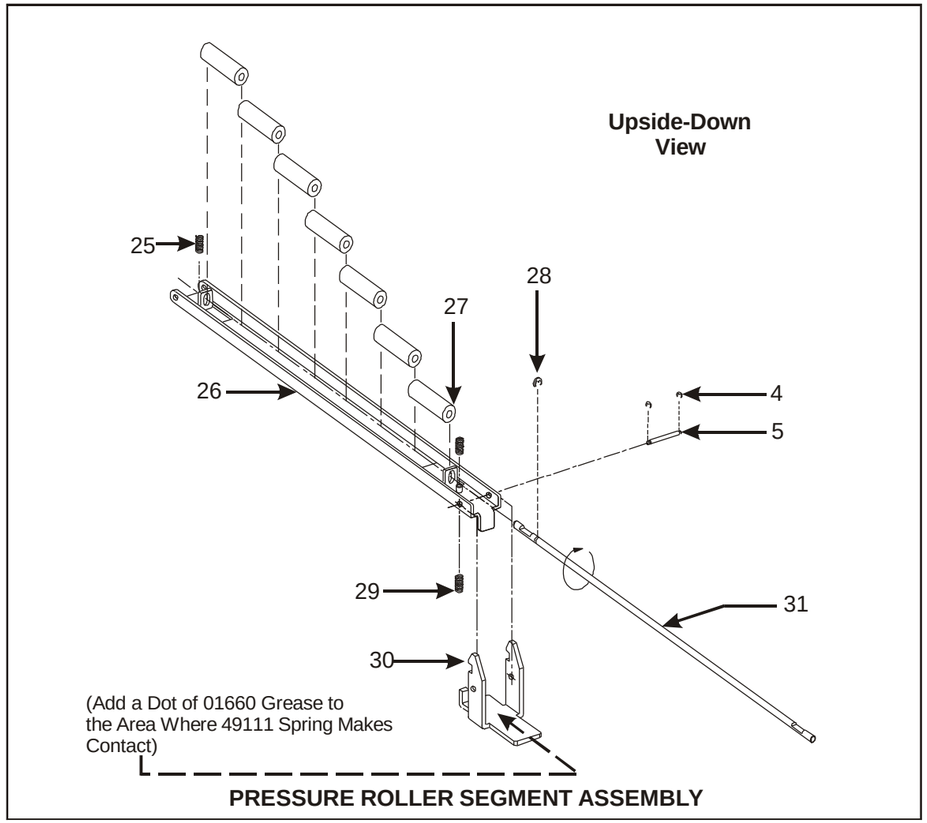


Figure 8-12 *PAX* Label Guide Shelf Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49650M	Media Sensors Maintenance Kit (RH)	1
1	49680M	Media Sensors Maintenance Kit (LH)	1
2	02133	Ring, E External	2
3	49056	Screw, Lead	1
4	*10413	Screw, M3 x .5 Blk	3
5	49046	Track, Top Sensor (RH)	1
5	49847	Track, Top Sensor (RH *PAX*2 & *PAX*3)	1
5	49446	Track, Top Sensor (LH)	1
5	49849	Track, Top Sensor (LH *PAX*2 & *PAX*3*)*	1
6	*40194	Washer, Curved	1
7	49058	Plate, Sensor Support	1
8	*10402	Screw, M3 x .5	3
9	49050	Cover, Upper Cable Track (RH)	1
9	49848	Cover, Upper Cable Track (RH *PAX*2 & *PAX*3)	1
9	49450	Cover, Upper Cable Track (LH)	1
9	49923	Cover, Upper Cable Track (LH *PAX*2 & *PAX*3)	1
10	*10401	Screw, M3 x .5	2
11	*44147	Screw, Set, M3	1
12	49209	Knob, Lead Screw	1

Table 8-13 Top Media Sensor Track Assembly

*Also Available in Hardware Kit 49628M

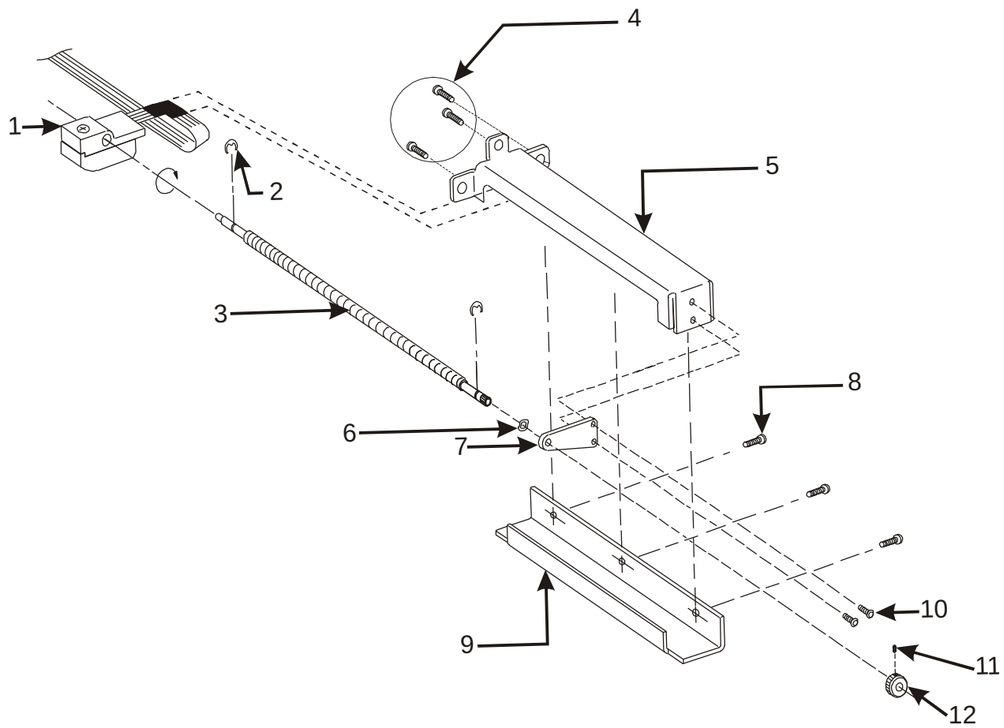


Figure 8-13 Top Media Sensor Track Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49236	Spacer, Peel Roller	1
2	49237	Bearing, Ball	1
3	02252	Ring, External Crescent	1
4	*02256	Ring, E External	1
5	49363	Roller, Elastomer Peel	1
5	49962	Roller, Elastomer Peel (*PAX*2 & *PAX*3)	1
6	44423	Bearing, Ball	1

Table 8-14 Elastomer Peel Roller Assembly

*Also Available in Hardware Kit 49628M

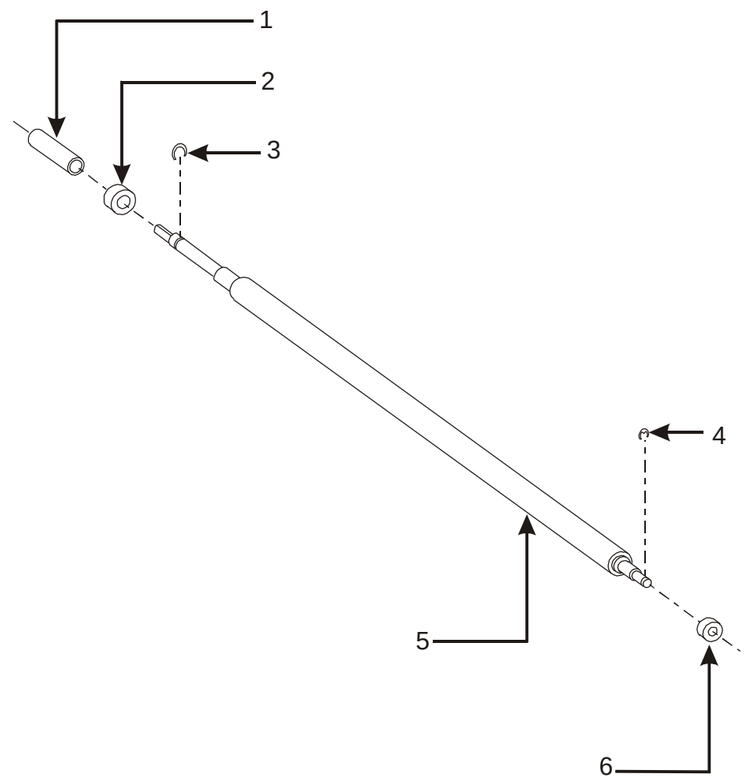


Figure 8-14 Elastomer Peel Roller Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	02252	Ring, External Crescent	1
2	46001-1	Shaft, Platen (*PAX)*	1
2	49931	Shaft, Platen (*PAX*2 & *PAX*3)	1
3	*30260	Washer, Crescent	2
4	*30261	Washer, Flat	1
5	49246	Bearing, Ball Flanged	1

Table 8-15 Platen Roller Assembly

*Also Available in Hardware Kit 49628M

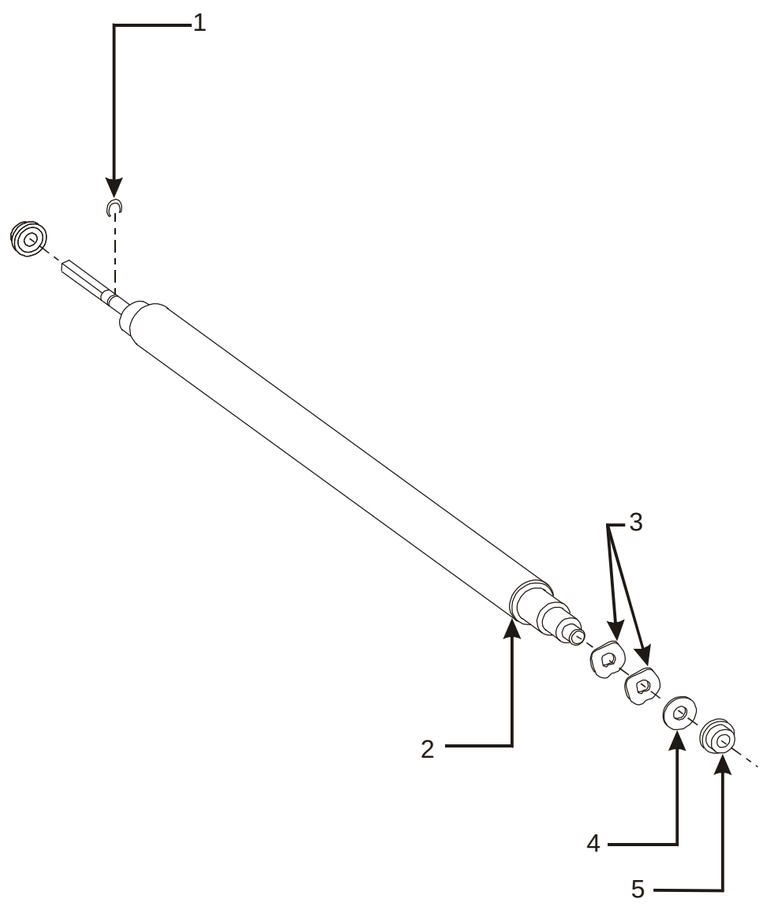


Figure 8-15 Platen Roller Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	*01155	Washer, Lock #4	4
2	*22416	Standoff, Hex 4-40	4
3	49869M	Application Interface PC Board Maintenance Kit	1
4	*10401	Screw, M3 x .5	14
5	49036-2	Cover, PC Board Option	1
6	49036-1	Cover, PC Board Option	1
7	07696	Screw, 4-40	2
8	49013	Cover, Memory Pack	1
9	49014	Panel, PC Board Access (RH)	1
9	49401	Panel, PC Board Access (LH)	1
10	49631	Spacer, PC Board	2
11	49374	Enclosure (RH)	1
11	49421	Enclosure (LH)	1
12	49700M	CPU PC Board Assembly (*PAX* & *PAX*2)	1
12	49621M	CPU PC Board Assembly (*PAX*3 only)	1

Table 8-16 Main Logic Board & Applicator Interface Board Assembly

*Also Available in Hardware Kit 49628M

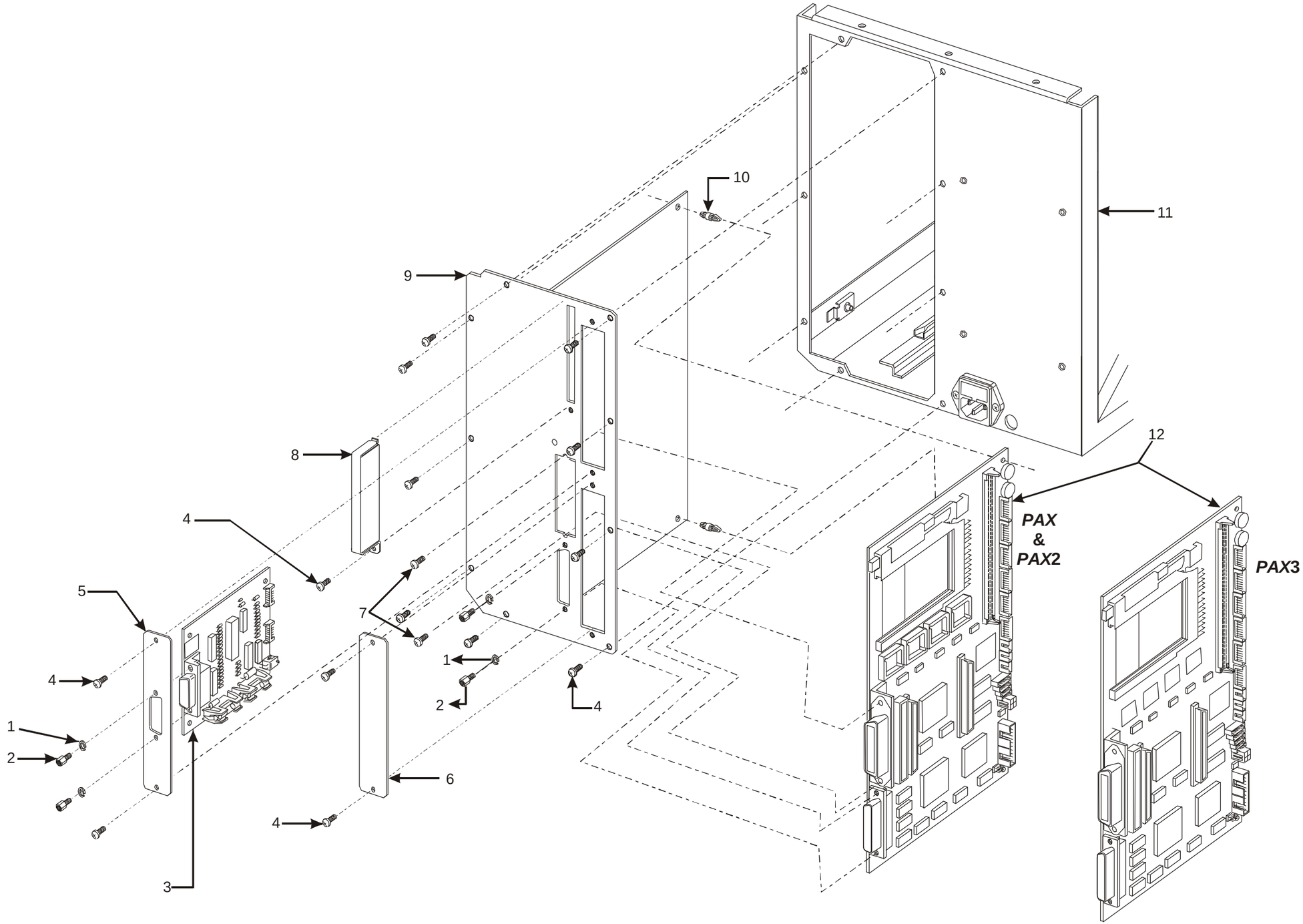


Figure 8-16 Main Logic Board and Applicator Interface Board Assembly

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49295	Pad, Insulation	1
2	49780M	AC Power Supply PC Board Maintenance Kit	1
3	49790M	DC Power Supply Maintenance Kit (RH)	1
3	49792M	DC Power Supply Maintenance Kit (LH)	1
4	*49185	Screw, M3 x .5	2
5	Q06020	Tiewrap	3
6	49296	Pad, Insulation	1
7	*44924	Screw, M3 x .5	6
8	49512	Switch, Rocker, 2 DPST	1
9	49603	Cable, Control PNL-CPU	1
9	49672M	Cable, (*PAX*2 & *PAX*3)	1
10	49398M	Control Panel PC Board Maintenance Kit	1

Table 8-17 AC and DC Power Supplies & Control Panel

*Also Available in Hardware Kit 49628M

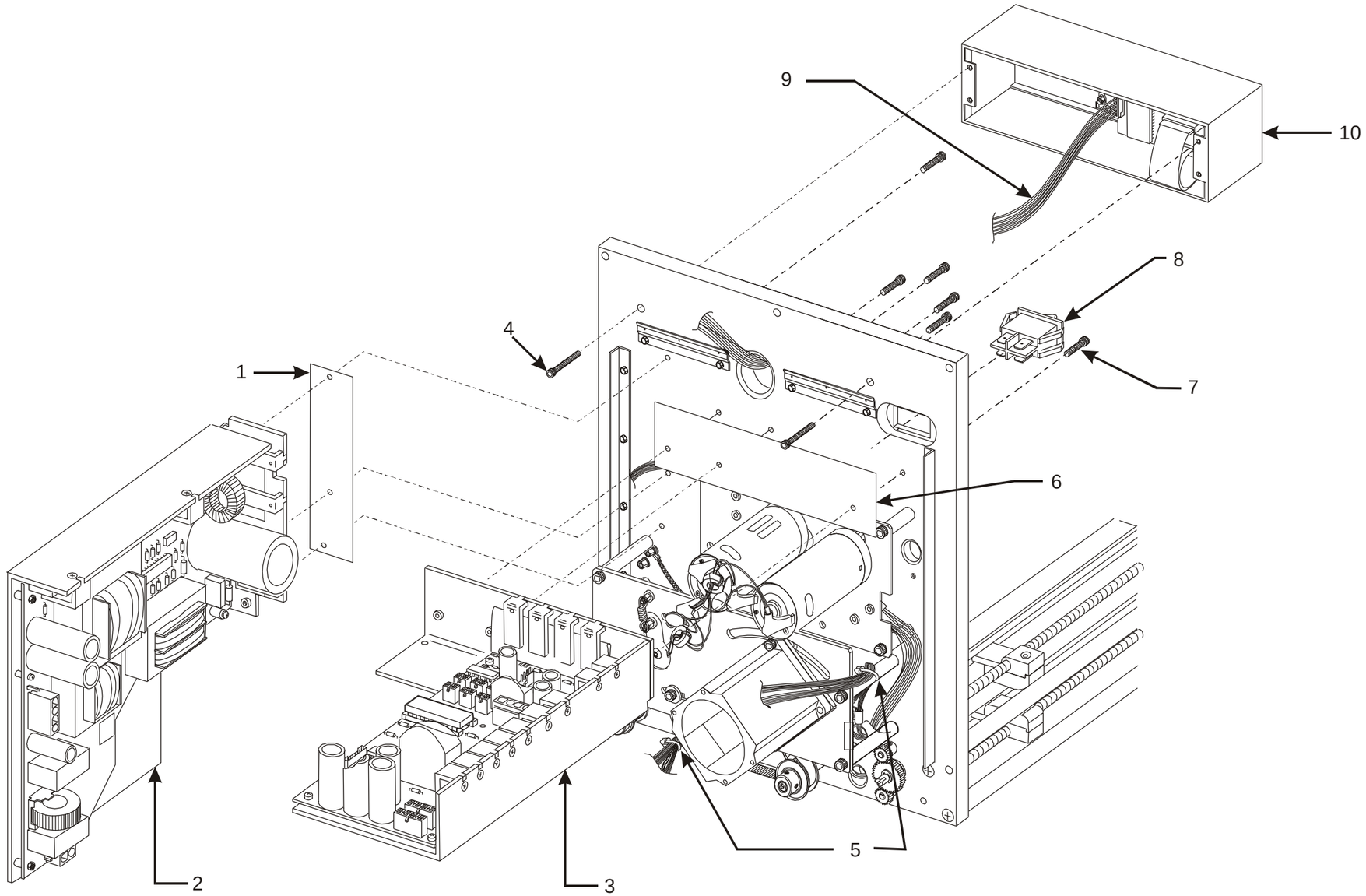


Figure 8-17 AC and DC Power Supplies & Control Panel

PRINT ENGINE MODEL: 170*PAX*			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49780M	AC Power Supply PC Board Maintenance Kit	REF
2	Q06020	Tiewrap	2
3	49603	Cable, Control Panel, CPU	1
4	49719	Cable, AC/DC Power	1
5	49605-027	Cable, Power Switch	1
6	49604-016	Cable, Power Distribution Ribbon Tension PCB	1
7	49602-014	Cable, Power Distribution CPU	1
8	49604-010	Cable, Power Distribution Applicator Interface PCB	1
9	49790M	DC Power Supply Maintenance Kit (RH)	REF
9	49792M	DC Power Supply Maintenance Kit (LH)	REF
10	49600-008	Cable, SP Comm	1
11	49640-033	Cable, Printhead Power	1

NOTE: For PAX2 & PAX3 AC and DC parts see page 8-34.

Table 8-18 170*PAX* AC and DC Power Supplies Cable Assemblies

*Also Available in Hardware Kit 49628M

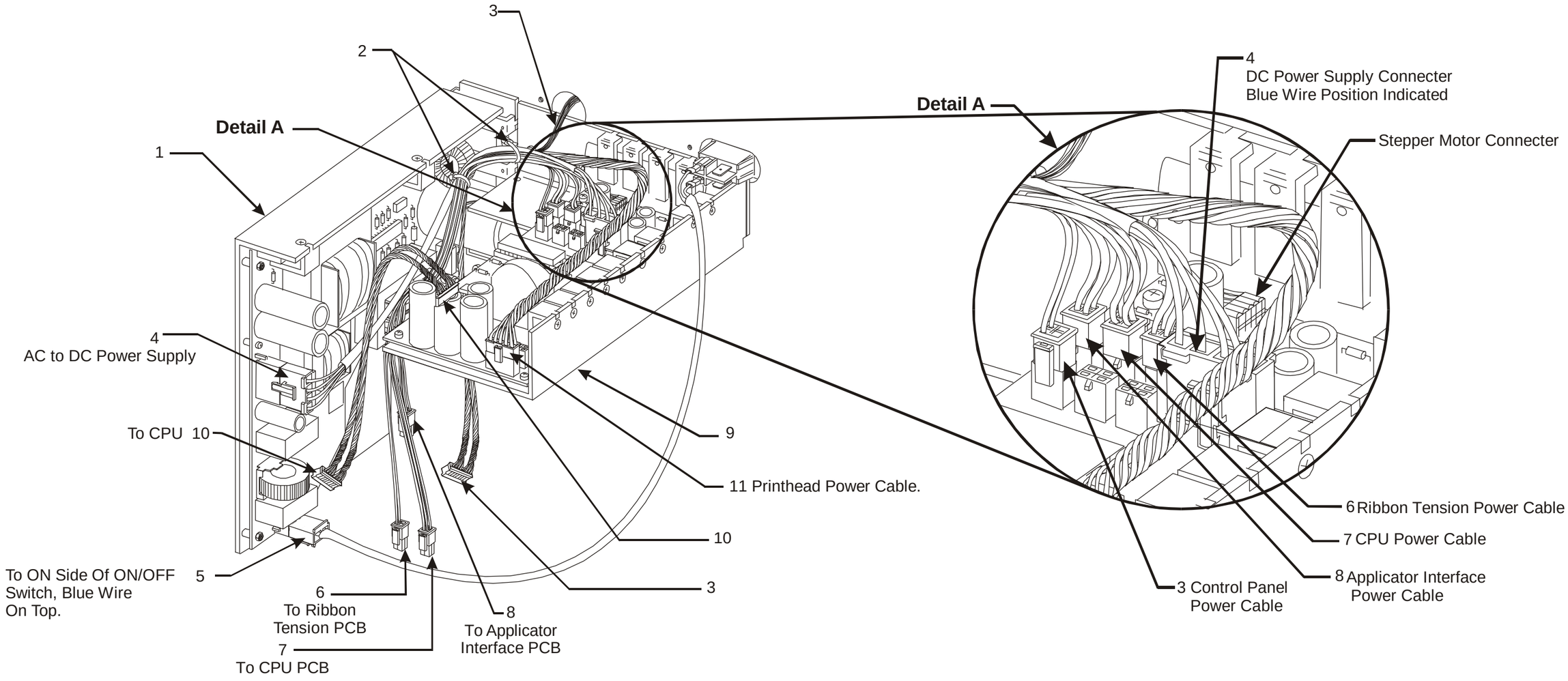


Figure 8-18 *PAX* AC and DC Power Supply Cable Assemblies

PRINT ENGINE MODEL: 170*PAX*2 & *PAX*3			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49780M	AC Power Supply PC Board Maintenance Kit	REF
2	49672M	Harness Assy., Items 3, 4, 6, 7 and 8 Included	1
3	REF	Cable, Control Panel to CPU	1
4	REF	Cable, AC/DC Power	1
5	49605-027	Cable, Power Switch	1
6	REF	Cable, Power Distribution Ribbon Tension	1
7	REF	Cable, Power Distribution CPU	1
8	REF	Cable, Power Distribution Applicator Interface	1
9	49790M	DC Power Supply Maintenance Kit (RH)	REF
9	49792M	DC Power Supply Maintenance Kit (LH)	REF
10	49640-033	Cable, Print Head Power	1
11	49600-008	PA Cable SP COMM to CPU	1

NOTE: For PAX AC and DC parts see page 32.

Table 8-19 170 *PAX*2 & *PAX*3 AC and DC Power Supplies Cable Assemblies

*Also Available in Hardware Kit 49628M

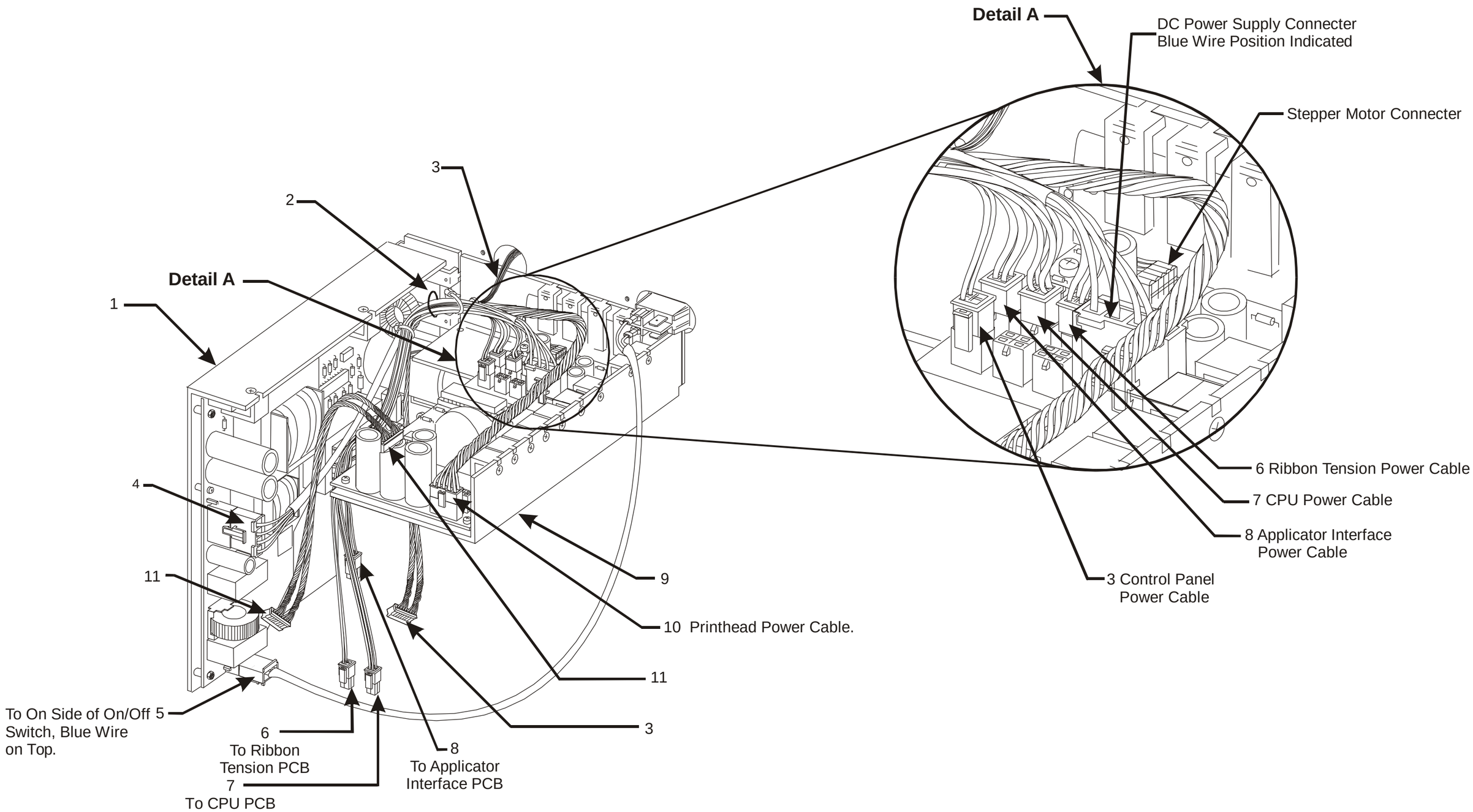


Figure 8-19 *PAX*2 & *PAX*3 AC and DC Power Supply Cable Assemblies

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49869M	Assembly, Applicator Interface Board	1
2	49604-010	Cable, Power Distribution Applicator Board (*PAX)*	1
2	49672M	Assembly, Power Distribution (*PAX*2 & *PAX*3)	1
3	49757M	Sensor, Maintenance Kit, Door Open	1
4	46665M	Sensor, Maintenance Kit, Ribbon	1
5	49645	Sensor, Printhead Open	1
6	49652M	Sensor., Maintenance Kit, Reflective	1
7	49602-014	Cable, Power Distribution CPU (*PAX*)	1
7	49672M	Assembly, Power Distribution (*PAX*2 & *PAX*3)	1
8	49700M	Assembly, CPU (*PAX* & *PAX*2)	1
8	49621M	Assembly, CPU (*PAX*3)	1
9	49600-010	Cable, Data from J4 on Applicator Interface Board	1
10	49600-008	Cable, Data from J11 on DC Power Supply (*PAX*)	1
10	49672M	Assembly, Power Distribution (*PAX*2 & *PAX*3)	1
11	49600-012	Cable, Data from Ribbon Tension Board	1
12	49603	Cable, Control Panel to CPU (*PAX*)	1
12	49672M	Assembly, Power Distribution Harness (*PAX*2 & *PAX*3)	1
13	49600-010	Cable, Data from J12 to J4 of Applicator Interface Board	1
14	49650M	Assembly, Media Sensor Maintenance Kit RH Lower Sensor	1
15	49680M	Assembly, Media Sensor Maintenance Kit LH Upper Sensor	1
16	49641	Cable, Printhead Data	1

Table 8-20 CPU Cable Assemblies

*Also Available in Hardware Kit 49628M

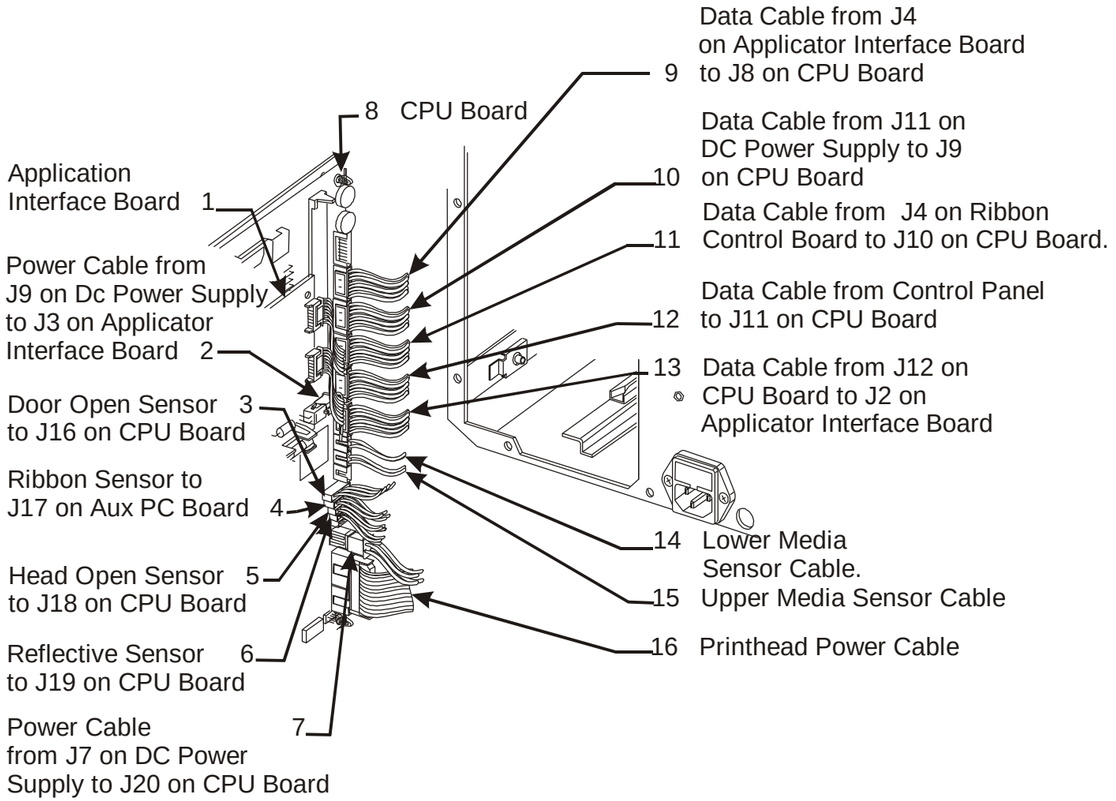
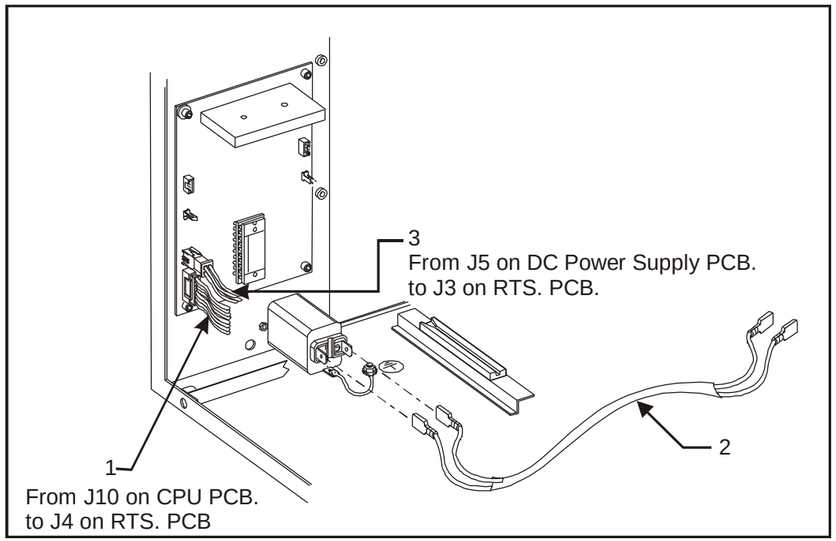

8 CPU Board
Application Interface Board 1
Power Cable from J9 on Dc Power Supply to J3 on Applicator Interface Board 2
Door Open Sensor 3 to J16 on CPU Board
Ribbon Sensor to J17 on Aux PC Board 4
Head Open Sensor 5 to J18 on CPU Board
Reflective Sensor 6 to J19 on CPU Board
7 Power Cable from J7 on DC Power Supply to J20 on CPU Board
9 Data Cable from J4 on Applicator Interface Board to J8 on CPU Board
10 Data Cable from J11 on DC Power Supply to J9 on CPU Board
11 Data Cable from J4 on Ribbon Control Board to J10 on CPU Board.
12 Data Cable from Control Panel to J11 on CPU Board
13 Data Cable from J12 on CPU Board to J2 on Applicator Interface Board
14 Lower Media Sensor Cable.
15 Upper Media Sensor Cable
16 Printhead Power Cable

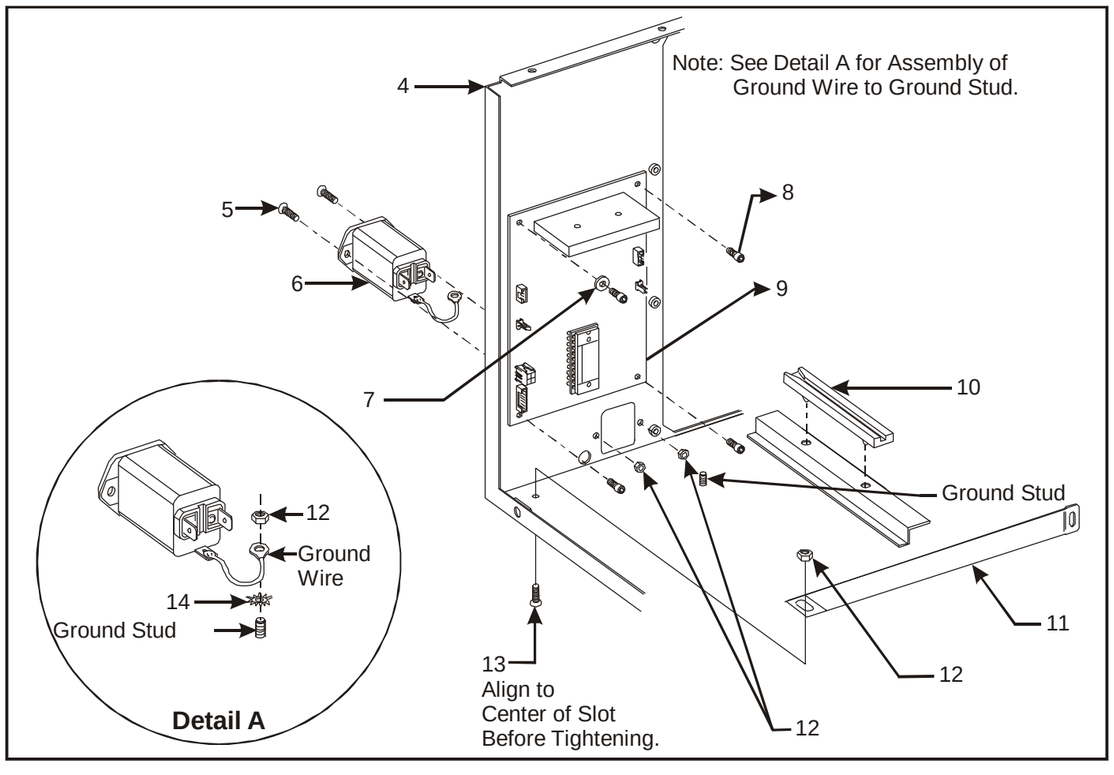
Figure 8-20 CPU Cable Assemblies

PRINT ENGINE MODEL: 170*PAX, PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49600-012	Cable, Communication	1
2	49718-019	Cable, FSTN	1
3	49604-016	Cable, Power Distribution	
3	49672M	Cable, Power Distribution Harness (*PAX*2 & *PAX*3)	1
4	49421	Enclosure (LH) (*PAX*)	1
4	49374	Enclosure (RH)	1
4	49410	Enclosure (LH) (*PAX*2 & *PAX*3)	1
5	*10406	Screw, M3 x .5	2
6	49673	Power Plug, W/Ground and Fuse	1
7	*01152	Washer, Flat	1
8	*10413	Screw, M3 x .5	4
9	49740M	Ribbon Control PC Board Maintenance Kit	1
10	06576	Guide, PC Board	1
11	49293	Support, Enclosure Base (RH)	1
11	49423	Support, Enclosure Base (LH)	1
12	*10460	Nut, Hex M3	4
13	*10404	Screw, M3 x .5	1
14	*01159	Washer, Lock External #6	1
16	*10474	Washer, Split M4	1
17	*49180	Screw, M4 x .7	1
18	49184	Screw, M4 x .7	4
18	49196	Screw, M4 x .7 (*PAX*2 & *PAX*3)	4
19	Q06020	Tiewrap	2
20	*10413	Screw, M3 x .5	1
21	49757M	Switch, Door Open (*PAX, PAX*2 & *PAX*3)	1

Table 8-21 Power Entry & Ribbon Tension PC Board Assembly

*Also Available in Hardware Kit 49628M





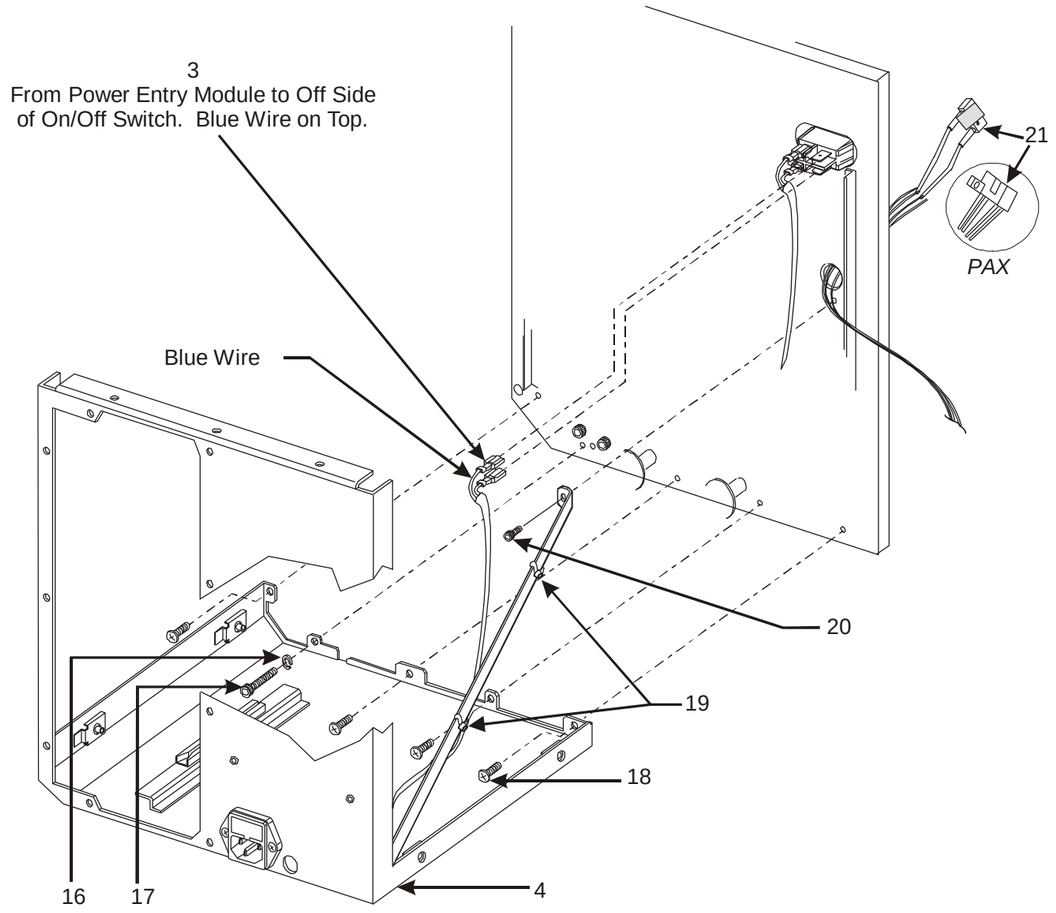


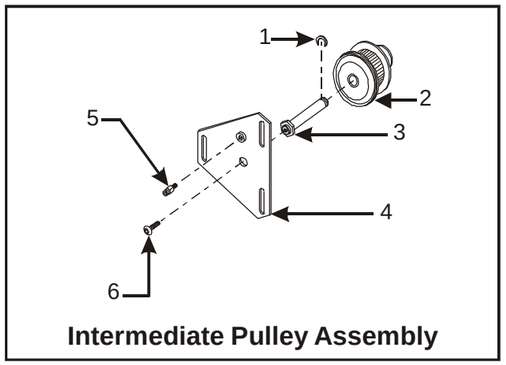
Figure 8-21 Power Entry and Ribbon Tension PCB Assembly

PRINTER MODEL: 170*PAX*, *PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	02252	Ring, External Crescent	1
2	49140M	Pulley And Flange Assembly (*PAX*)	1
2	49814M	Pulley And Flange Assembly (*PAX*2 & *PAX*3)	1
3	49233	Shaft, Intermediate Pulley	1
4	49378	Base, Intermediate Pulley (RH)	1
4	49878	Base, Intermediate Pulley (RH) (*PAX*2 & *PAX*3)	1
4	49436	Base, Intermediate Pulley (LH)	1
4	49936	Base, Intermediate Pulley (LH) (*PAX*2 & *PAX*3)	1
5	49258	Stud, Long Spring	1
6	49249	Screw, M4 x .7	1
7	*10432	Screw, M4 x .7	2
8	46196M	Stepper Motor Maintenance Kit	1
9	40357M	Stepper Motor Pulley Maintenance Kit (203dpi *PAX*)	1
9	30357M	Stepper Motor Pulley Maintenance Kit (300dpi *PAX*)	1
9	49857M	Stepper Motor Pulley Maintenance Kit (300dpi *PAX*2 & *PAX*3)	1
10	*10431	Screw, M4 x .7	3
10	49881	Screw, M4 x .7 (*PAX*2 & *PAX*3)	3
11	*30208	Washer, Flat	3
12	49257	Stud, Short Spring	1
13	49134	Spacer, Motor	1
14	49254	Bracket, Stepper Motor (RH)	1

PRINTER MODEL: 170*PAX*, *PAX*2 and *PAX*3-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
14	49879	Bracket, Stepper Motor (RH) (*PAX*2 & *PAX*3)	1
14	49408	Bracket, Stepper Motor (LH)	1
14	49937	Bracket, Stepper Motor (LH) (*PAX*2 & *PAX*3)	1
15	49133	Nut, Stepper Motor	1
16	49137	Nut, Pulley Adjustment	3
17	49122M	Drive Belts Maintenance Kit	1
17	49438M	Drive Belts Maintenance Kit (*PAX*2 & *PAX*3)	1
18	45189-11	Belt, .080P 122T	1
18	45189-18	Belt, .080P 122T (*PAX*2 & *PAX*3)	1
19	45189-8	Belt, .080P 160T	1
19	45189-19	Belt, .080P 205T (*PAX*2 & *PAX*3)	1
20	49122	Belt, 100T	1
21	*49350	Screw, M4 x .7	4
22	49391	Spring, Extension	1
23	49136	Standoff	4
24	*10413	Screw, M3 x .5 (*PAX*2 & *PAX*3)	2
25	30265	Pulley, Idler (*PAX*2 & *PAX*3)	1
26	30207	Shaft, Idler Pulley (*PAX*2 & *PAX*3)	1
27	*01152	Washer, Flat (*PAX*2 & *PAX*3)	1
28	*30392-006	Screw, 6-32 (*PAX*2 & *PAX*3)	1
29	49887	Pa Spring, Idler (RH) (*PAX*2 & *PAX*3)	1
29	49889	Pa Spring, Idler (LH) (*PAX*2 & *PAX*3)	1

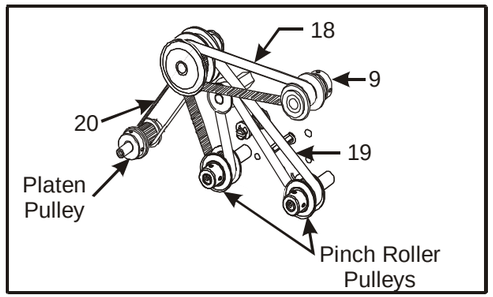
Table 8-22 Intermediate Pulley, Stepper Motor Assemblies and Belts

*Also Available in Hardware Kit 49628M

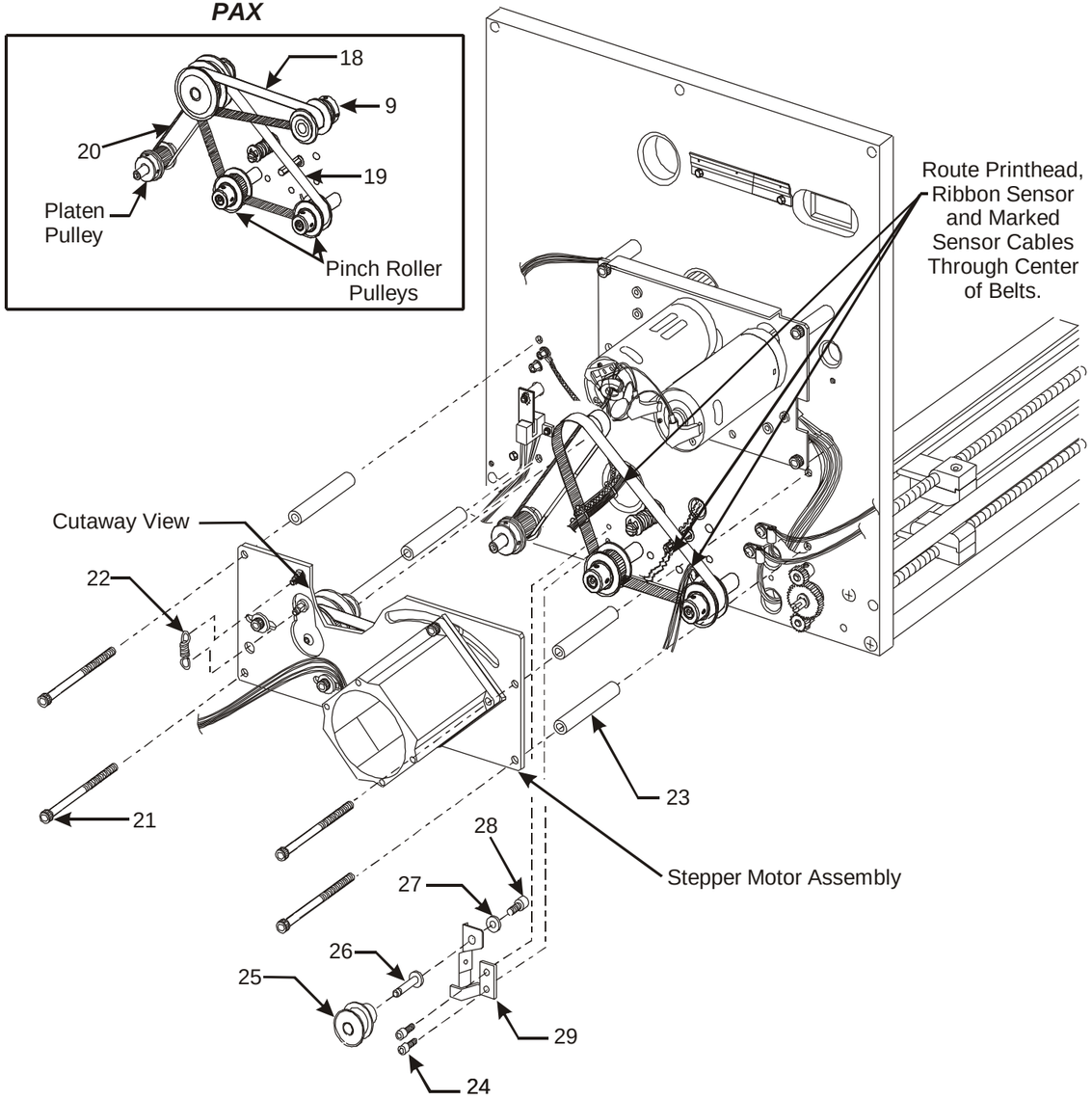


Intermediate Pulley Assembly

PAX2 & PAX3



PAX



Stepper Motor Assembly

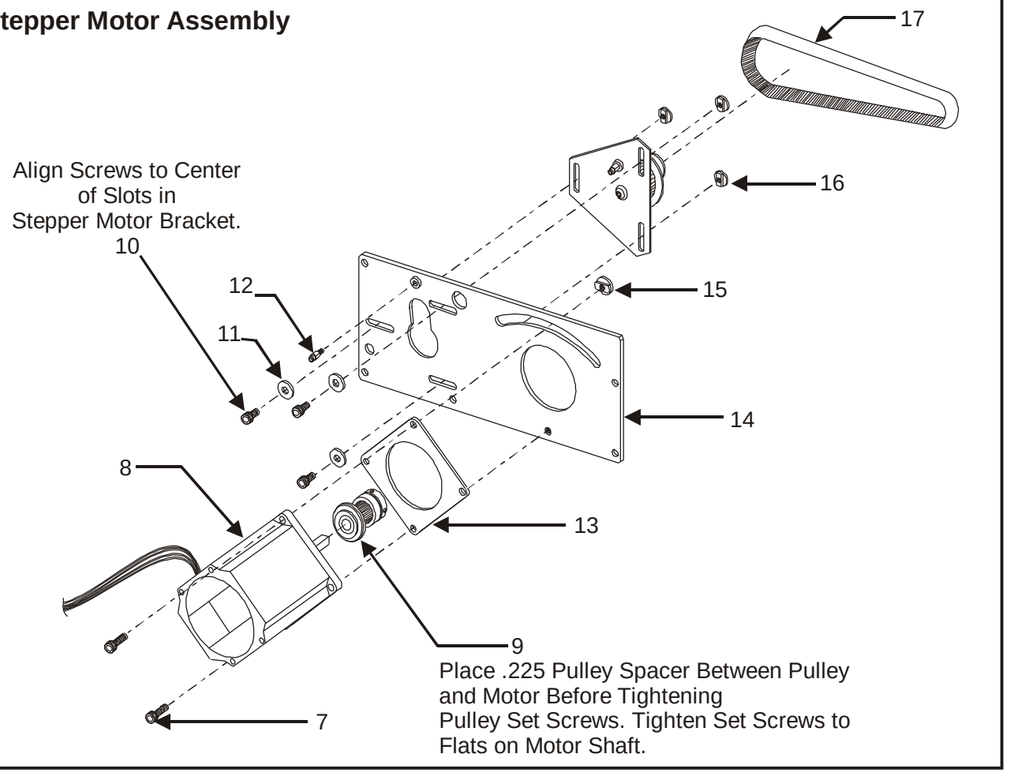


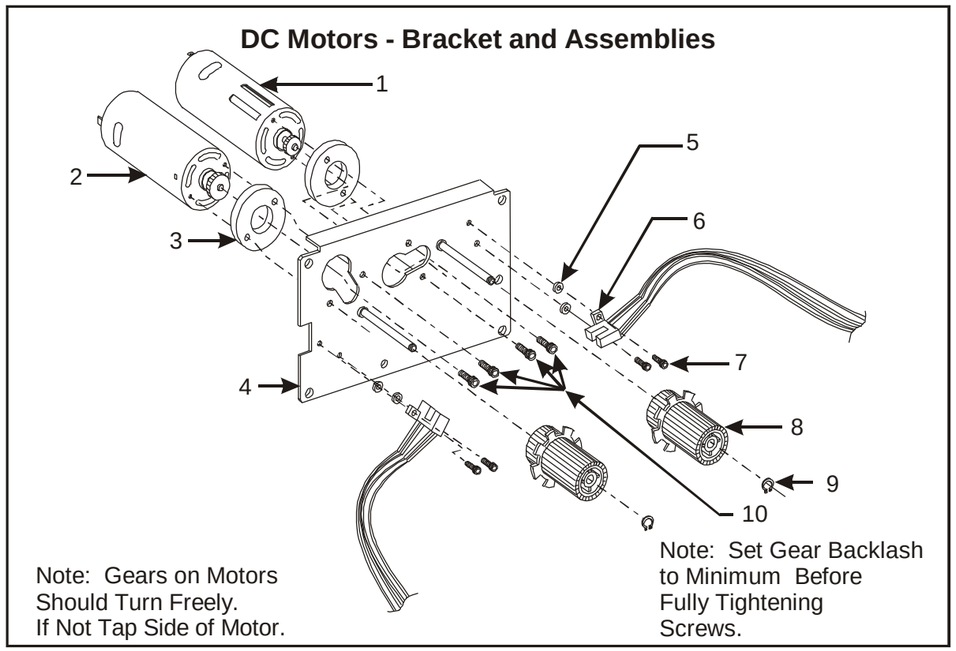
Figure 8-22 Intermediate Pulley, Stepper Motor and Belts

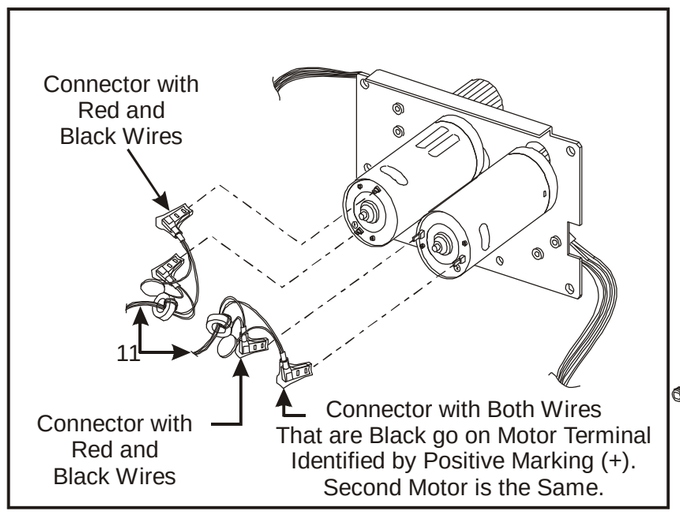
PRINT ENGINE MODEL: 170*PAX* and *PAX2 & PAX3*-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	49310M	Ribbon Take-up DC Motor Maintenance Kit	1
2	49239M	Ribbon Supply DC Motor Maintenance Kit	1
3	49311	Spacer, DC Motor (*PAX* Only)	1
4	49320	DC Motor Bracket Assembly (RH)	1
4	49425	DC Motor Bracket Assembly (LH)	1
5	49078	Spacer, Opto	4
6	49648	Encoder, Sensor	2
7	49351	Screw, M2.5 x .45	4
8	49147	Gear, 25T	2
9	*49195	Ring, Retaining	2
10	*44924	Screw, M3 x .5	4
10	*10413	Screw, M3 x .5 (*PAX*2 & *PAX*3)	4
11	49649	Cable, Motor	2
12	49230	Screw, M4 x .7	4
13	*44147	Screw, Set M3	8
14	49165M	Platen Pulley Maintenance Kit	1
15	49159M	Pulley Roller Maintenance Kit	1
16	*10413	Screw, M3 x .5	3
17	49645	Printhead Open Sensor	1
18	30266	Spring, Stop Head Lift	1
19	49370	Spring, Torsion (RH)	1

PRINT ENGINE MODEL: 170*PAX* and *PAX2 & PAX3*-Series			
ITEM	**PART NUMBER**	**DESCRIPTION**	**QTY**
19	49413	Spring, Torsion (LH)	1
20	*10403	Screw, M3 x .5	2
20	10405	Screw, M3 x .5 (*PAX*2 & *PAX*3)	3
21	*01152	Washer, Flat	3
22	49054	Gear, 36T	1
23	49361	Gear, 22T	2
24	49100	Shaft, Idler	1
25	02133	Ring, Retaining External	1
26	*10470	Washer, Flat M3	2
27	49073	Flag, Sensor (*PAX*)	1
27	N/A	Flag, Sensor (*PAX*2 & *PAX*3)	1
28	02324	Clamp, Cable	3
29	*06250	Ring, E External	2
30	49356	Standoff	4
31	Q06020	Tiewrap	3
32	*49152	Screw, M3 x .6	1
33	49011	Track, Enclosure Top	1
34	49197	Screw, M3 x .5	2
35	30265	Pulley, Idler	1
36	49867	Shaft, Idler Pulley	1

Table 8-23 Lower Print Mechanism Assembly

*Also Available in Hardware Kit 49628M




Connector with Red and Black Wires
11
Connector with Red and Black Wires
Connector with Both Wires That are Black go on Motor Terminal Identified by Positive Marking (+). Second Motor is the Same.

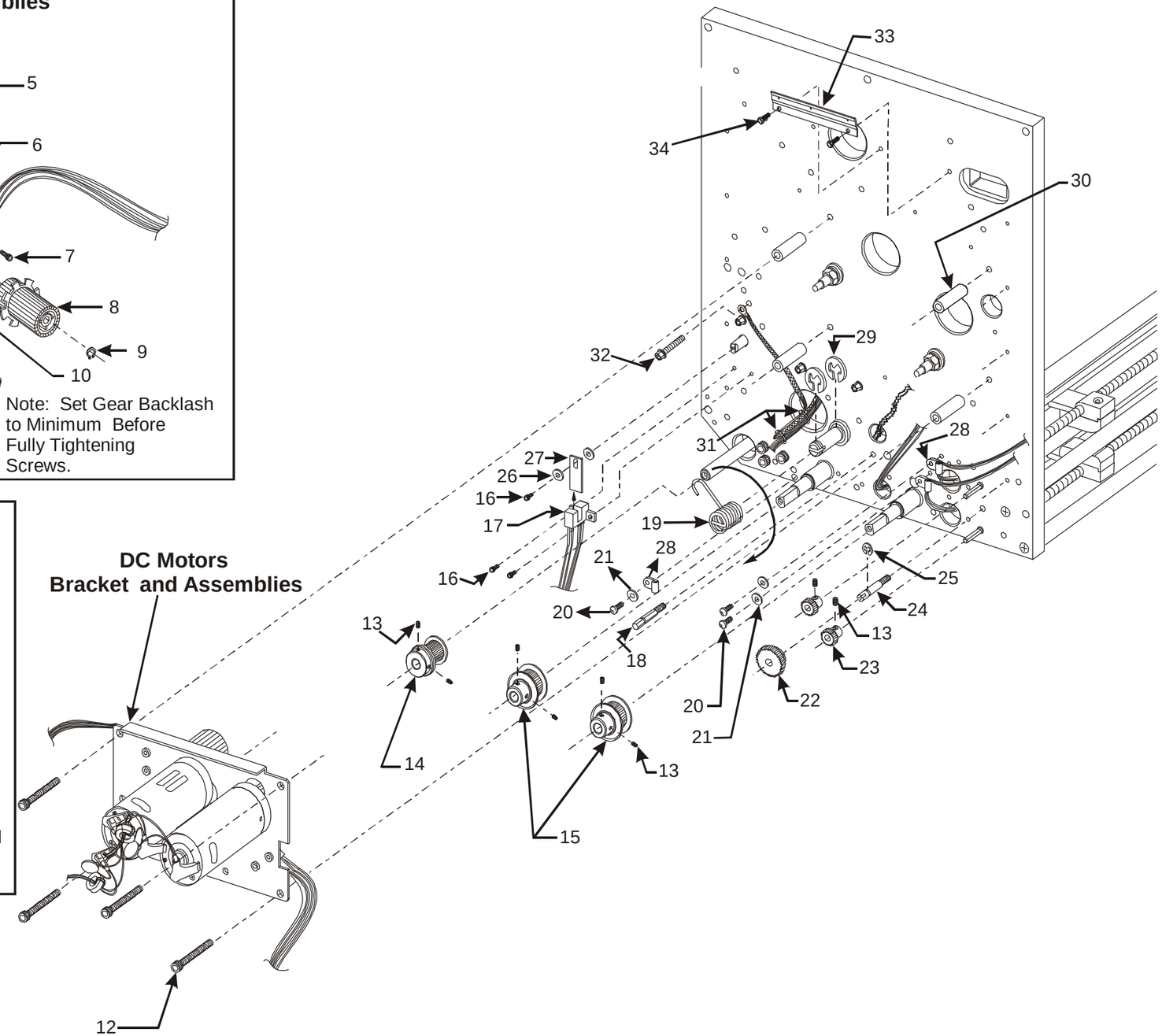


Figure 8-23 Lower Print Mechanism Assembly

NOTES